

Docket No.: 0091.1037

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kwan-Hee LEE, et al.

Application No. 10/820,845

Group Art Unit: 2879

FAX RECEIVED

Confirmation No. 8679

NOV 22 2009

Filed: April 9, 2004

Examiner: Anne M. Hines OFFICE OF PETITIONS

Patent No. 7,486,016

Issued: February 3, 2009

**PETITION TO CORRECT ASSIGNEE INFORMATION UNDER 37 CFR 3.81(b)**

Mail Stop: PETITIONS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the letter dated September 10, 2009, denying the request for Certificate of Correction for the above-identified application, now U.S. Patent No. 7,486,016, the Patentees hereby submit a request to correct the Assignee information on the Letters Patent. Attached hereto is a copy of the Recordation Form Cover Sheet, submitted December 12, 2008 and of the Notice of Recordation of Assignment Document, which reflects the reel and frame number as 022010/0001 as recorded on December 12, 2008. The recordation date precedes the February 3, 2009 issue date of U.S. Patent No. 7,486,016.

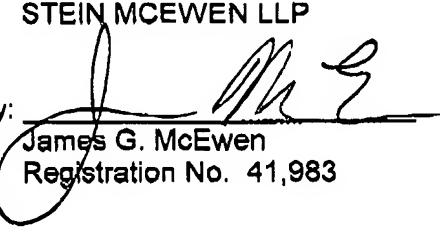
The incorrect assignment of Samsung SDI Co., Ltd. and omission of Samsung Mobile Display Co., Ltd. as the Assignee on Form PTOL-85B was inadvertent; therefore, it is respectfully requested that Samsung Mobile Display Co., Ltd. be listed as the Assignee on the patent issued on the above-identified application. It is further respectfully requested that the file be forwarded to the Certificate of Correction Branch for issuance of a Certificate of Correction. A copy of the Certificate of Correction form previously submitted March 18, 2009, is enclosed for the convenience of the Branch.

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Because a fee of \$100.00 was previously submitted with the Request for Certificate of Correction filed March 18, 2009, no additional fee is enclosed for the Certificate or Correction. However, the fee of \$130.00 as set forth in 37 CFR 1.117(h) is enclosed; if additional fees are owed, it is requested that they be charged to Deposit Account No. 503333.

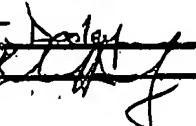
Respectfully submitted,

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CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being  
transmitted via facsimile to: Commissioner for Patents  
on November 20, 2009  
Stein McEwen, LLP  
By: Barbara T. Donley  
Date: 11/20/09 



PATENT ASSIGNMENT

WHEREAS, Samsung SDI Co., Ltd., a corporation of the Country of Korea, having a place of business at 675 Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, was the owner of the entire right, title and interest in and to certain United States Letters Patent, United States pending patent applications, and corresponding patents and patent applications in foreign countries, including the patent applications listed on the Patent Schedule A, attached hereto.

WHEREAS, Samsung Mobile Display Co., Ltd., a corporation of the Country of Korea, having a place of business at 575 Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, is desirous of acquiring the entire right, title and interest in and to the aforesaid Letters Patent, applications, and the inventions therein disclosed and for all improvements thereto, including the right to recover for past infringements thereof, and has so acquired the entire right, title and interest in and to the aforesaid Letters Patents, applications and the inventions therein including the right to recover for past infringements thereof, by virtue of an Agreement between Samsung SDI Co., Ltd. and Samsung Mobile Display Co., Ltd., effective SEPTEMBER 5, 2008.

NOW THEREFORE, said Samsung SDI Co., Ltd., its successor in interest, in consideration of the sum of one dollar to be paid, and for other good and valuable considerations the receipt of which is hereby acknowledged, has sold, assigned, transferred and set over and by these presents does hereby sell, assign, transfer and set over unto the said Samsung Mobile Display Co., Ltd., its successors and assigns the entire and exclusive right, title and interest in and to all Letters Patents and patent applications, in the United States and its territorial possessions, in any and all foreign countries, and in and to any and all divisions, reissues, renewals, reexaminations, continuations, continuations-in-part and extensions or any legal equivalents thereof in the foreign countries, including the right to recover for past infringements thereof, which were previously owned by Samsung SDI Co., Ltd.

AND said Samsung SDI Co., Ltd., its successor in interest, agree to execute any further papers necessary to secure the assignee in its full and complete enjoyment of its rights to said Letters Patents and applications, and any reissues, renewals, divisions, reexaminations.

continuations, continuations-in-part, and extensions, and said equivalents thereof in any and all foreign countries.

IN TESTIMONY WHEREOF Samsung SDI Co., Ltd. has caused its name to be signed and its seal to be affixed, by its duly authorized officer.

Samsung SDI Co., Ltd

Date: DECEMBER 9, 2008  
By: B. S. Han  
Byung-su Han  
General Manager

## SCHEDULE A

Attorney Docket No.	Application No.	Title	Filing Date (MM/DD/YYYY)	Assignment Reel/Frame No.
0089.1008 (formerly 0028.1001)	11/508,159	LASER INDUCED THERMAL IMAGING APPARATUS AND LASER INDUCED THERMAL IMAGING METHOD AND FABRICATING METHOD OF ORGANIC LIGHT-EMITTING DIODE USING THE SAME	08/23/2006	018228/0170
0089.1009 (formerly 0028.1002)	11/508,162	LASER INDUCED THERMAL IMAGING METHOD AND FABRICATING METHOD OF ORGANIC LIGHT-EMITTING DIODE USING THE SAME	08/23/2006	018219/0201
0089.1010 (formerly 0028.1003)	11/505,374	SHIFT REGISTER CIRCUIT	08/17/2006	018209/0987
0089.1011 (formerly 0028.1004)	11/647,336	DRIVING CIRCUIT AND ORGANIC ELECTROLUMINESCENCE DISPLAY THEREOF	12/29/2006	018751/0486
0089.1012 (formerly 0028.1005)	11/645,678	DRIVING CIRCUIT AND ORGANIC ELECTROLUMINESCENCE DISPLAY THEREOF	12/27/2006	018744/0426
0089.1013 (formerly 0028.1006)	11/599,982	DRIVING CIRCUIT AND ORGANIC ELECTROLUMINESCENCE DISPLAY THEREOF	11/16/2006	018610/0474
0089.1014 (formerly 0028.1007)	11/651,017	ORGANIC ELECTROLUMINESCENCE DISPLAY AND DRIVING METHOD THEREOF	01/09/2007	018781/0597
0089.1015 (formerly 0028.1008)	11/650,957	ORGANIC ELECTROLUMINESCENCE DISPLAY AND DRIVING METHOD THEREOF	01/09/2007	018780/0334
0089.1016 (formerly 0028.1011)	11/688,365	ORGANIC ELECTRO LUMINESCENCE DISPLAY DEVICE AND DRIVING METHOD FOR THE SAME	03/20/2007	019034/0155
0089.1017 (formerly 0028.1014)	11/655,169	PIXEL AND ORGANIC LIGHT EMITTING DISPLAY USING THE SAME	01/19/2007	018829/0012
0089.1018 (formerly 0028.1015)	11/765,590	MASK USED TO FABRICATE ORGANIC LIGHT-EMITTING DIODE (OLED) DISPLAY DEVICE, METHOD OF FABRICATING OLED DISPLAY DEVICE USING THE MASK, OLED DISPLAY DEVICE FABRICATED USING THE MASK, AND METHOD OF FABRICATING THE MASK	06/20/2007	019479/0265

Attorney Docket No.	Application No.	Title	Filing Date (MM/DD/YYYY)	Assignment Reel/Frame No.
0089.1019 (formerly 0028.1019)	11/833,454	SHIFT REGISTER AND ORGANIC LIGHT EMITTING DISPLAY USING THE SAME	08/03/2007	019688/0290
0089.1020 (formerly 0028.1021)	11/777,613	NON-VOLATILE MEMORY DEVICE AND FABRICATION METHOD OF NON-VOLATILE MEMORY DEVICE AND MEMORY APPARATUS INCLUDING NON-VOLATILE MEMORY DEVICE	07/13/2007	019631/0229
0089.1021 (formerly 0028.1022)	11/777,637	NON-VOLATILE MEMORY DEVICE AND FABRICATION METHOD THEREOF AND MEMORY APPARATUS INCLUDING THEREOF	07/13/2007	019593/0451
0089.1022 (formerly 0028.1024)	11/777,657	NON-VOLATILE MEMORY CELL, ARRAY THEREOF, FABRICATION METHODS THEREOF AND DEVICE COMPRISING THE SAME	07/13/2007	019593/0702
0089.1023 (formerly 0028.1025)	11/858,459	SOURCE PLATE FOR LIQUID CRYSTAL DISPLAYS, AND LIQUID CRYSTAL DISPLAY DEVICE HAVING SOURCE PLATE	09/20/2007	019880/0517
0089.1024 (formerly 0028.1026)	11/782,831	ORGANIC LIGHT EMITTING DISPLAY DEVICE AND METHOD FOR FABRICATING THE SAME	07/25/2007	019642/0800
0089.1025 (formerly 0028.1027)	11/851,676	METHOD OF OPTIMIZING BRIGHTNESS OF LIQUID CRYSTAL DISPLAY PANEL	09/07/2007	019832/0617
0089.1026 (formerly 0028.1028)	11/835,753	ORGANIC LIGHT EMITTING DISPLAY	08/08/2007	019711/0749
0089.1027 (formerly 0028.1030)	11/858,384	FLAT PANEL DISPLAY DEVICE	09/20/2007	019884/0155
0089.1028 (formerly 0028.1031)	11/858,423	DIFFERENTIAL SIGNALING SYSTEM AND FLAT PANEL DISPLAY WITH THE SAME	09/20/2007	019880/0513
0089.1029 (formerly 0028.1032)	12/035,631	LIQUID CRYSTAL DISPLAY AND DRIVING METHOD THEREOF	02/22/2008	020583/0554
0089.1030 (formerly 0028.1033)	11/951,517	ORGANIC ELECTRO-LUMINESCENT DISPLAY AND METHOD OF MAKING THE SAME	12/06/2007	020239/0323
0089.1031 (formerly 0028.1034)	11/930,580	ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME	10/31/2007	020082/0239
0089.1032 (formerly 0028.1035)	11/972,194	DIFFERENTIAL SIGNALING SYSTEM AND FLAT PANEL DISPLAY WITH THE SAME	01/10/2008	020376/0900
0089.1033 (formerly 0028.1036)	11/971,408	DIFFERENTIAL SIGNALING SYSTEM AND FLAT PANEL DISPLAY WITH THE SAME	01/09/2008	020399/0236

Attorney Docket No.	Application No.	Title	Filing Date (MM/DD/YYYY)	Assignment Reel/Frame No.
0089.1034 (formerly 0028.1038)	11/948,953	THIN FILM TRANSISTOR FOR FLAT PANEL DISPLAY AND METHOD OF FABRICATING THE SAME	12/04/2007	020240/0433
0089.1035 (formerly 0028.1039)	12/098,631	ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME	04/07/2008	020824/0714
0089.1036 (formerly 0028.1040)	12/170,765	ORGANIC LIGHT EMITTING DISPLAY DEVICE AND DRIVING METHOD THEREOF	07/10/2008	
0089.1037 (formerly 0028.1041)	12/098,641	ORGANIC LIGHT EMITTING ELEMENT AND METHOD OF MANUFACTURING THE SAME	04/07/2008	020824/0740
0089.1038 (formerly 0028.1043)	12/098,653	METHOD OF MANUFACTURING ORGANIC LIGHT EMITTING DEVICE HAVING PHOTO DIODE	04/07/2008	020824/0734
0089.1039 (formerly 0028.1046)	12/060,330	DIFFERENTIAL SIGNALING SYSTEM AND FLAT PANEL DISPLAY WITH THE SAME	04/01/2008	021251/0712
0089.1040 (formerly 0028.1047)	12/060,321	DIFFERENTIAL SIGNALING SYSTEM AND FLAT PANEL DISPLAY WITH THE SAME	04/01/2008	021251/0714
0089.1041 (formerly 0028.1048)	12/181,500	PIXEL AND ORGANIC LIGHT EMITTING DISPLAY USING THE SAME	07/29/2008	
0089.1042 (formerly 0028.1049)	12/145,771	PIXEL AND ORGANIC LIGHT EMITTING DISPLAY USING THE SAME	06/25/2008	021193/0634
0089.1043 (formerly 0028.1051)	12/140,614	ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME	06/17/2008	021163/0881
0089.1044 (formerly 0028.1052)	12/169,089	ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF DRIVING THE SAME	07/08/2008	021259/0358
0089.1045 (formerly 0028.1058)	12/186,013	ORGANIC LIGHT EMITTING DISPLAY AND DRIVING METHOD THEREOF	08/05/2008	021388/0351
0091.1001 (formerly 1514.1001)	09/850,406	ORGANIC ELECTROLUMINESCENT (EL) DEVICE	05/08/2001	012131/0478
0091.1002 (formerly 1514.1002)	09/862,449	BLUE ELECTROLUMINESCENCE COMPOUND FOR AN ORGANIC ELECTROLUMINESCENCE DEVICE AND THE ORGANIC ELECTROLUMINESCENCE DEVICE USING THE SAME	05/23/2001	012262/0322
0091.1003 (formerly 1514.1004)	10/014,792	ORGANIC ELECTROLUMINESCENT DISPLAY CONTROL SYSTEM	12/14/2001	012814/0907

Attorney Docket No.	Application No.	Title	Filing Date (MM/DD/YYYY)	Assignment Reel/Frame No.
0091.1004 (formerly 1514.1010)	10/068,004	THIN FILM TRANSISTOR AND MANUFACTURING METHOD THEREOF, AND ACTIVE MATRIX DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF	02/08/2002	012829/0417
0091.1005 (formerly 1514.1008)	10/086,629	METHOD OF MANUFACTURING CMOS THIN FILM TRANSISTOR	03/04/2002	013466/0373
0091.1006 (formerly 1514.1003)	10/036,517	METHOD OF MANUFACTURING ORGANIC EL DISPLAY	01/07/2002	012751/0634
0091.1007 (formerly 1514.1006)	10/038,772	FLAT PANEL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME	01/08/2002	012746/0574
0091.1007C1 (formerly 1514.1006C1)	11/256,078	FLAT PANEL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME	10/24/2005	012746/0574
0091.1007D1 (formerly 1514.1008D1)	11/231,937	FLAT PANEL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME	09/22/2005	012746/0574
0091.1008 (formerly 1514.1009)	10/095,111	FLAT PANEL DISPLAY WITH HIGH CAPACITANCE AND METHOD OF MANUFACTURING THE SAME	03/12/2002	012977/0444
0091.1008D1 (formerly 1514.1009D)	10/857,983	FLAT PANEL DISPLAY WITH HIGH CAPACITANCE AND METHOD OF MANUFACTURING THE SAME	06/02/2004	012977/0444
0091.1008D1CIP1 (formerly 1514.1009DCIP)	11/063,730	FLAT PANEL DISPLAY WITH HIGH CAPACITANCE AND METHOD OF MANUFACTURING THE SAME	02/24/2005	012977/0444
0091.1009 (formerly 1514.1007)	10/067,818	ORGANIC EL DISPLAY DEVICE AND METHOD OF ENCAPSULATING THE SAME	02/08/2002	012867/0238
0091.1009D1 (formerly 1514.1007D)	10/893,917	METHOD OF ENCAPSULATING ORGANIC EL DISPLAY DEVICE HAVING THROUGH HOLE IN SUBSTRATE AND/OR FLAT PANEL (As Amended)	07/20/2004	012867/0238
0091.1010 (formerly 1514.1011)	10/173,977	POLY-SILICON LAYER OF A THIN FILM TRANSISTOR AND DISPLAY DEVICE HAVING THE SAME	06/19/2002	013299/0785
0091.1011 (formerly 1514.1012)	10/167,420	ORGANIC EL DISPLAY AND METHOD OF MANUFACTURING THE SAME	06/13/2002	013001/0581
0091.1011C1 (formerly 1514.1012C1)	11/011,596	ORGANIC EL DISPLAY AND METHOD OF MANUFACTURING THE SAME	12/15/2004	013001/0581
0091.1011CIP1 (formerly 1514.1012CIP1)	11/312,547	ORGANIC EL DISPLAY AND METHOD OF MANUFACTURING THE SAME	12/21/2005	017720/0623

Attorney Docket No.	Application No.	Title	Filing Date (MM/DD/YYYY)	Assignment Reel/Frame No.
0091.1011D1 (formerly 1514.1012D1)	11/175,183	METHOD FOR MANUFACTURING A DISPLAY DEVICE	07/07/2005	013001/0581
0091.1011D2 (formerly 1514.1012D2)	11/011,595	ORGANIC EL DISPLAY DEVICE HAVING AN ORGANIC EL LAYER FORMED ON AN EXPOSED UNDERLYING LAYER	12/15/2004	013001/0581
0091.1012 (formerly 1514.1013)	10/166,367	METHODS OF MANUFACTURING THIN FILM TRANSISTORS USING MASKS TO PROTECT THE CHANNEL REGIONS FROM IMPURITIES WHILE DOPING A SEMICONDUCTOR LAYER TO FORM SOURCE/DRAIN REGIONS	06/11/2002	012990/0864
0091.1012C1 (formerly 1514.1013C)	11/029,335	METHODS OF MANUFACTURING THIN FILM TRANSISTORS USING MASKS TO PROTECT THE CHANNEL REGIONS FROM IMPURITIES WHILE DOPING A SEMICONDUCTOR LAYER TO FORM SOURCE/DRAIN REGIONS	01/06/2005	012990/0864
0091.1013 (formerly 1514.1014)	10/164,385	METHOD OF VARYING TRANSMITTANCE OF TRANSPARENT CONDUCTIVE LAYER, FLAT PANEL DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF	06/10/2002	012985/0655
0091.1013D1 (formerly 1514.1014D1)	11/186,830	METHOD OF VARYING TRANSMITTANCE OF TRANSPARENT CONDUCTIVE LAYER, FLAT PANEL DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF	07/22/2005	012985/0655
0091.1014 (formerly 1514.1015)	10/172,001	LIGHT-EMITTING POLYMER COMPOSITION AND ORGANIC EL DISPLAY DEVICE USING THE SAME	06/17/2002	013020/0609
0091.1014C1 (formerly 1514.1015C1)	11/011,588	LIGHT-EMITTING POLYMER COMPOSITION AND ORGANIC EL DISPLAY DEVICE USING THE SAME	12/15/2004	013020/0609
0091.1014C2 (formerly 1514.1015C2)	11/011,587	LIGHT-EMITTING POLYMER COMPOSITION AND ORGANIC EL DISPLAY DEVICE USING THE SAME	12/15/2004	013020/0609
0091.1015 (formerly 1514.1016)	10/167,651	ORGANIC EL DISPLAY DEVICE HAVING ORGANIC SOLUBLE DERIVATIVE LAYER	06/13/2002	013008/0794
0091.1015C1 (formerly 1514.1016C1)	11/011,834	ORGANIC EL DISPLAY DEVICE HAVING ORGANIC SOLUBLE DERIVATIVE LAYER	12/15/2004	013008/0794
0091.1015CIP1 (formerly 1514.1016CIP1)	11/011,597	ORGANIC EL DISPLAY DEVICE HAVING ORGANIC SOLUBLE DERIVATIVE LAYER	12/15/2004	016406/0622

Attorney Docket No.	Application No.	Title	Filing Date (MM/DD/YYYY)	Assignment Reel/Frame No.
0091.1016 (formerly 1514.1020)	10/292,627	FLAT PANEL DISPLAY DEVICE WITH POWER SUPPLY LAYER	11/13/2002	013486/0295
0091.1016D1 (formerly 1514.1020D1)	11/634,934	FLAT PANEL DISPLAY DEVICE WITH POWER SUPPLY LAYER	12/07/2006	013486/0295
0091.1017 (formerly 1514.1018)	10/288,509	FLAT PANEL DISPLAY WITH BLACK MATRIX	11/06/2002	013446/0043
0091.1017D1 (formerly 1514.1018D1)	11/773,789	FLAT PANEL DISPLAY WITH BLACK MATRIX AND METHOD FOR FABRICATING THE SAME	07/05/2007	013446/0043
0091.1018 (formerly 1514.1022)	10/288,486	FLAT PANEL DISPLAY DEVICE WITH ANTI-REFLECTION LAYER HAVING CONCENTRATION GRADIENT	11/06/2002	013446/0048
0091.1018D1 (formerly 1514.1022D)	10/895,925	FLAT PANEL DISPLAY DEVICE WITH ANTI-REFLECTION LAYER HAVING CONCENTRATION GRADIENT AND FABRICATION METHOD THEREOF	07/22/2004	013466/0048
0091.1018D1C1 (formerly 1514.1022DC1)	11/092,891	FLAT PANEL DISPLAY DEVICE WITH FIRST ELECTRODE HAVING CONCENTRATION GRADIENT AND FABRICATION METHOD THEREOF	03/30/2005	013466/0048
0091.1019 (formerly 1514.1017)	10/237,875	CMOS THIN FILM TRANSISTOR	09/10/2002	013283/0297
0091.1019D1 (formerly 1514.1017D)	10/978,376	CMOS THIN FILM TRANSISTOR AND METHOD OF MANUFACTURING THE SAME	11/02/2004	013283/0297
0091.1020 (formerly 1514.1021)	10/298,571	POLYCRYSTALLINE SILICON THIN FILM FOR THIN FILM TRANSISTOR AND DISPLAY DEVICE USING THE SAME	11/19/2002	013504/0834
0091.1021 (formerly 1514.1019)	10/298,559	THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED LATERAL CRYSTALLIZATION AND METHOD FOR FABRICATING THE SAME	11/19/2002	013508/0390
0091.1021D1 (formerly 1514.1019D)	10/890,999	THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED LATERAL CRYSTALLIZATION	07/15/2004	013508/0390
0091.1021D1C1 (formerly 1514.1019DC1)	11/010,271	THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED LATERAL CRYSTALLIZATION AND METHOD FOR FABRICATING THE SAME	12/14/2004	013508/0390

Attorney Docket No.	Application No.	Title	Filing Date (MM/DD/YYYY)	Assignment Reel/Frame No.
0091.1021D1C2 (formerly 1514.1019DC2)	11/011,584	METHOD FOR FABRICATING THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED LATERAL CRYSTALLIZATION	12/15/2004	013508/0390
0091.1021D1C3 (formerly 1514.1019DC3)	11/023,640	THIN FILM TRANSISTOR WITH MULTIPLE GATES FABRICATED USING SUPER GRAIN SILICON CRYSTALLIZATION	12/29/2004	018656/0102
0091.1021D1C4 (formerly 1514.1019DC4)	11/023,637	METHOD OF FABRICATING THIN FILM TRANSISTOR WITH MULTIPLE GATES USING SUPER GRAIN SILICON CRYSTALLIZATION	12/29/2004	018680/0793
0091.1021D1D1 (formerly 1514.1019DD1)	11/105,381	THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED LATERAL CRYSTALLIZATION AND METHOD FOR FABRICATING THE SAME	04/14/2005	013508/0390
0091.1021D1D2 (formerly 1514.1019DD2)	11/105,382	THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED LATERAL CRYSTALLIZATION AND METHOD OF FABRICATING THE SAME	04/14/2005	013508/0390
0091.1022 (formerly 1514.1023)	10/354,110	FLAT PANEL DISPLAY WITH BLACK MATRIX AND METHOD FOR FABRICATING THEREOF	01/30/2003	013720/0239
0091.1022D1 (formerly 1514.1023D)	11/028,588	FLAT PANEL DISPLAY WITH BLACK MATRIX AND METHOD FOR FABRICATING THEREOF	01/05/2005	013720/0239
0091.1023 (formerly 1514.1025)	10/370,496	THIN FILM TRANSISTOR AND ORGANIC ELECTROLUMINESCENT DEVICE USING THE SAME	02/24/2003	013805/0148
0091.1024 (formerly 1514.1024)	10/421,754	ORGANIC ELECTROLUMINESCENT DEVICE USING MIXTURE OF HIGH AND LOW MOLECULAR LIGHT-EMITTING SUBSTANCES AS A LIGHT-EMITTING SUBSTANCE	04/24/2003	014004/0171
0091.1024C1 (formerly 1514.1024C1)	11/011,583	ORGANIC ELECTROLUMINESCENT DEVICE USING MIXTURE OF HIGH AND LOW MOLECULAR LIGHT-EMITTING SUBSTANCES AS A LIGHT-EMITTING SUBSTANCE	12/15/2004	014004/0171
0091.1024C2 (formerly 1514.1024C2)	11/011,582	ORGANIC ELECTROLUMINESCENT DEVICE USING MIXTURE OF HIGH AND LOW MOLECULAR LIGHT-EMITTING SUBSTANCES AS A LIGHT-EMITTING SUBSTANCE	12/15/2004	014004/0171

Attorney Docket No.	Application No.	Title	Filing Date (MM/DD/YYYY)	Assignment Reel/Frame No.
0091.1025 (formerly 1514.1026)	10/404,134	ORGANIC ELECTROLUMINESCENT DEVICE USING MIXTURE OF PHOSPHORESCENT MATERIALS AS LIGHT-EMITTING SUBSTANCE	04/02/2003	014540/0211
0091.1025C1 (formerly 1514.1026C1)	11/011,434	ORGANIC ELECTROLUMINESCENT DEVICE USING MIXTURE OF PHOSPHORESCENT MATERIALS AS LIGHT-EMITTING SUBSTANCE	12/15/2004	014540/0211
0091.1025C2 (formerly 1514.1026C2)	11/011,747	ORGANIC ELECTROLUMINESCENT DEVICE USING MIXTURE OF PHOSPHORESCENT MATERIALS AS LIGHT-EMITTING SUBSTANCE	12/15/2004	014540/0211
0091.1025CIP1 (formerly 1514.1026CIP)	11/035,393	ORGANIC ELECTROLUMINESCENT DEVICE USING MIXTURE OF PHOSPHORESCENT MATERIALS AS LIGHT-EMITTING SUBSTANCE	01/14/2005	016786/0084
0091.1026 (formerly 1514.1027)	10/454,612	POLYCRYSTALLINE SILICON THIN FILM USED IN A THIN FILM TRANSISTOR AND A DEVICE USING THE SAME	06/05/2003	015792/0160
0091.1027 (formerly 1514.1028)	10/677,278	METHOD OF FABRICATING A THIN FILM TRANSISTOR USING DUAL OR MULTIPLE GATES	10/03/2003	014571/0980
0091.1027C1 (formerly 1514.1028C1)	11/329,030	METHOD OF FABRICATING A THIN FILM TRANSISTOR USING DUAL OR MULTIPLE GATES	01/11/2006	014571/0980
0091.1028 (formerly 1514.1029)	10/648,194	ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE HAVING B-LATERAL ELECTRON INJECTION STRUCTURE	08/27/2003	015282/0154
0091.1029 (formerly 1514.1034)	10/694,044	DONOR FILM FOR LOW MOLECULAR WEIGHT FULL COLOR ORGANIC ELECTROLUMINESCENT DEVICE USING LASER INDUCED THERMAL IMAGING METHOD AND METHOD FOR FABRICATING LOW MOLECULAR FULL COLOR ORGANIC ELECTROLUMINESCENT DEVICE USING THE FILM	10/28/2003	015899/0351
0091.1030 (formerly 1514.1031)	10/687,993	DISPLAY DEVICE HAVING SUPERIOR CHARACTERISTICS	10/20/2003	014628/0190
0091.1031 (formerly 1514.1030)	10/734,162	THIN FILM TRANSISTOR WITH LDD/OFFSET STRUCTURE	12/15/2003	014795/0501

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0091.1032 (formerly 1514.1032)	10/690,507	METHOD FOR MANUFACTURING POLYCRYSTALLINE SILICON THIN FILM AND THIN FILM TRANSISTOR FABRICATED USING POLYCRYSTALLINE SILICON THIN FILM MANUFACTURED BY THE MANUFACTURING METHOD	10/23/2003	014635/0087
0091.1033 (formerly 1514.1033)	10/694,030	POLYCRYSTALLINE SILICON THIN FILM, FABRICATION METHOD THEREOF, AND THIN FILM TRANSISTOR WITHOUT DIRECTIONAL DEPENDENCY ON ACTIVE CHANNELS FABRICATED USING THE SAME	10/28/2003	014644/0142
0091.1033D1 (formerly 1514.1033D1)	11/201,326	POLYCRYSTALLINE SILICON THIN FILM, FABRICATION METHOD THEREOF, AND THIN FILM TRANSISTOR WITHOUT DIRECTIONAL DEPENDENCY ON ACTIVE CHANNELS FABRICATED USING THE SAME	08/11/2005	014644/0142
0091.1033D2 (formerly 1514.1033D2)	11/655,168	POLYCRYSTALLINE SILICON THIN FILM, FABRICATION METHOD THEREOF, AND THIN FILM TRANSISTOR WITHOUT DIRECTIONAL DEPENDENCY ON ACTIVE CHANNELS FABRICATED USING THE SAME	01/19/2007	014644/0142
0091.1034 (formerly 1514.1035)	10/754,107	ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE	01/09/2004	014889/0664
0091.1035 (formerly 1514.1040)	10/827,326	THIN FILM TRANSISTOR AND DISPLAY DEVICE USING THE SAME	04/20/2004	015236/0745
0091.1035C1 (formerly 1514.1040C1)	11/760,864	DISPLAY DEVICE INCLUDING THIN FILM TRANSISTOR	06/11/2007	015236/0745
0091.1035D1 (formerly 1514.1040D1)	11/760,869	METHOD OF FABRICATING THIN FILM TRANSISTOR	06/11/2007	015236/0745
0091.1035D2 (formerly 1514.1040D2)	11/760,876	THIN FILM TRANSISTOR AND DISPLAY DEVICE USING THE SAME	06/11/2007	015236/0745
0091.1036 (formerly 1514.1036)	10/796,980	FLAT PANEL DISPLAY DEVICE AND METHOD OF FABRICATING THE SAME	03/11/2004	015079/0864
0091.1036C1 (formerly 1514.1036C1)	11/365,498	FLAT PANEL DISPLAY DEVICE AND METHOD OF FABRICATING THE SAME	03/02/2006	015079/0864
0091.1037 (formerly 1514.1037)	10/820,845	ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE AND FABRICATION METHOD THEREOF	04/09/2004	015195/0098
0091.1038 (formerly 1514.1038)	10/839,338	ORGANIC LIGHT-EMITTING DEVICE EMPLOYING DOPED HOLE TRANSPORTING LAYER AND/OR HOLE INJECTING LAYER	05/06/2004	015314/0375

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0091.1039 (formerly 1514.1039)	10/757,471	ORGANIC ELECTROLUMINESCENT DEVICE DRIVEN AT LOW VOLTAGE	01/15/2004	014895/0276
0091.1040 (formerly 1514.1045)	10/973,262	DRIVING METHOD OF FS-LCD	10/27/2004	015935/0781
0091.1041 (formerly 1514.1041)	10/770,445	EMITTING COMPOUND FOR ORGANIC ELECTROLUMINESCENT DEVICE AND ORGANIC ELECTROLUMINESCENT DEVICE USING THE SAME	02/04/2004	014961/0806
0091.1042 (formerly 1514.1042)	10/849,193	DOUBLE-SIDED LIGHT EMITTING DEVICE	05/20/2004	015354/0207
0091.1043 (formerly 1514.1043)	10/828,247	ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE HAVING SUPERIOR CHARACTERISTICS AT HIGH TEMPERATURE	04/21/2004	015248/0596
0091.1044 (formerly 1514.1044)	10/924,911	DUAL TYPE FLAT PANEL DISPLAY DEVICE	08/25/2004	015726/0773
0091.1045 (formerly 0041.1001)	11/509,574	MASK FOR LITI AND LITI METHOD USING THE SAME	08/25/2006	019308/0777
0091.1046 (formerly 0041.1002)	11/515,903	THIN FILM TRANSISTOR	09/06/2006	018275/0451
0091.1047 (formerly 0037.1004)	11/517,277	ORGANIC LIGHT EMITTING DISPLAY DEVICE AND METHOD OF FABRICATING THE SAME	09/08/2006	018290/0856
0091.1048 (formerly 0041.1004)	11/529,361	THIN FILM TRANSISTOR AND METHOD OF FABRICATING THE SAME	09/29/2006	018365/0470
0091.1049 (formerly 0041.1025)	12/045,172	THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, AND ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE INCLUDING THE SAME	03/10/2008	020670/0275
0091.1050 (formerly 0041.1031)	12/048,662	THIN FILM TRANSISTOR, ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE HAVING THE SAME, FLAT PANAL DISPLAY DEVICE AND SEMICONDUCTOR DEVICE, AND METHODS OF FABRICATING THE SAME	03/14/2008	020688/0486
0091.1051 (formerly 0041.1010)	11/863,824	THIN FILM TRANSISTOR AND METHOD OF FABRICATING THE SAME	09/28/2007	019944/0380
0091.1052 (formerly 0041.1019)	11/966,056	THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, AND ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE INCLUDING THE SAME	12/28/2007	020333/0537
0091.1053 (formerly 0041.1006)	11/741,307	METHOD OF FABRICATING PMOS THIN FILM TRANSISTOR	04/27/2007	019247/0756

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0091.1054 (formerly 0041.1005)	11/741,273	METHOD OF FABRICATING THIN FILM TRANSISTOR	04/27/2007	019247/0769
0091.1055 (formerly 0041.1011)	11/935,670	ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME	11/06/2007	020151/0401
0091.1056 (formerly 0041.1028)	12/044,278	ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME	03/07/2008	020658/0370
0091.1058 (formerly 0041.1009)	11/954,716	THIN FILM TRANSISTOR AND FABRICATION METHOD THEREOF	12/12/2007	020273/0570
0091.1059 (formerly 0041.1012)	11/951,525	THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, AND ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE INCLUDING THE SAME	12/06/2007	020244/0464
0091.1060 (formerly 0041.1007)	11/751,294	LASER IRRADIATION DEVICE AND METHOD OF FABRICATING OLED USING THE SAME	05/21/2007	019364/0422
0091.1061 (formerly 0041.1017)	11/958,562	ORGANIC LIGHTING EMITTING DIODE DISPLAY DEVICE AND METHOD OF FABRICATING THE SAME	12/18/2007	020793/0708
0091.1062 (formerly 0041.1018)	11/964,289	MASK DEVICE, METHOD OF FABRICATING THE SAME, AND METHOD OF FABRICATING ORGANIC LIGHT EMITTING DISPLAY DEVICE USING THE SAME	12/26/2007	020333/00887
0091.1063 (formerly 0041.1013)	11/953,187	ORGANIC LIGHT EMITTING DISPLAY DEVICE AND METHOD OF FABRICATING THE SAME	12/10/2007	020273/0568
0091.1065 (formerly 0041.1041)	12/207,025	THIN FILM TRANSISTOR, METHOD OF FABRICATING THE THIN FILM TRANSISTOR, ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE, METHOD OF FABRICATING THE ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE, AND DONOR SUBSTRATE FOR LASER INDUCED THERMAL IMAGING	09/09/2008	021546/0280
0091.1066 (formerly 0041.1037)	12/130,340	METHOD OF FABRICATING POLYCRYSTALLINE SILICON LAYER, TFT FABRICATED USING THE SAME, METHOD OF FABRICATING TFT, AND ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE HAVING THE SAME	05/30/2008	021070/0867
0091.1087 (formerly 0041.1055)	12/194,739	THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE HAVING THE TFT, AND METHOD OF FABRICATING THE OLED DISPLAY DEVICE	08/20/2008	021456/0904
0091.1068 (formerly 0041.1029)	12/047,619	FLAT PANEL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME	03/13/2008	020677/0734

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0091.1069 (formerly 0041.1045)	12/163,074	THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE INCLUDING THE SAME AND METHOD OF FABRICATING THE SAME	06/27/2008	021206/0941
0091.1070 (formerly 0041.1036)	12/196,603	CRUCIBLE HEATING APPARATUS AND DEPOSITION APPARATUS INCLUDING THE SAME	08/22/2008	021471/0726
0091.1071 (formerly 0041.1038)	12/138,884	THIN FILM TRANSISTOR, METHOD OF FABRICATING THE THIN FILM TRANSISTOR, AND DISPLAY DEVICE INCLUDING THE THIN FILM TRANSISTOR	06/13/2008	021146/0632
0091.1072 (formerly 0041.1044)	12/142,210	METHOD OF FABRICATING POLYCRYSTALLINE SILICON, TFT FABRICATED USING THE SAME, METHOD OF FABRICATING THE TFT, AND ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE INCLUDING THE TFT	06/19/2008	021159/0511
0091.1073 (formerly 0041.1060)	12/194,730	THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, AND ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE INCLUDING THE SAME	08/20/2008	021456/0964
0091.1074 (formerly 0041.1022)	12/118,901	METHOD OF DRIVING ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE	05/12/2008	020970/0107
0091.1075 (formerly 0041.1030)	12/209,558	METHOD OF FABRICATING ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE	09/12/2008	021554/0730
0091.1076 (formerly 0041.1052)	12/270,242	THIN FILM TRANSISTORS, METHOD OF FABRICATING THE SAME, AND ORGANIC LIGHT-EMITTING DIODE DEVICE USING THE SAME	11/13/2008	
0091.1077 (formerly 0041.1021)	12/013,698	ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE AND METHOD OF FABRICATING THE SAME	01/14/2008	020399/0594
0091.1078 (formerly 0041.1020)	12/122,130	ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE	05/16/2008	021001/0154
0093.1001 (formerly 0027.1043)	11/961,187	ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME	12/20/2007	020316/0201
0093.1002 (formerly 0027.1042)	11/964,239	TRANSISTOR, FABRICATING METHOD THEREOF AND FLAT PANEL DISPLAY THEREWITH	12/26/2007	020331/0653
0093.1003 (formerly 0027.1044)	11/961,213	ORGANIC LIGHT EMITTING DISPLAY AND FABRICATING METHOD THEREOF	12/20/2007	020314/0902
0093.1004 (formerly 0027.1041)	11/857,758	ORGANIC LIGHT EMITTING DISPLAY AND DRIVING CIRCUIT THEREOF	09/19/2007	019880/0545

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0093.1005 (formerly 0027.1031)	11/949,138	FLEXIBLE CIRCUIT BOARD AND LIQUID CRYSTAL DISPLAY HAVING THE SAME	12/03/2007	020232/0632
0093.1006 (formerly 0027.1032)	11/743,310	FLEXIBLE CIRCUIT BOARD FOR LIQUID CRYSTAL DISPLAY HAVING A LIGHT ABSORBING LAYER	05/02/2007	019266/0502
0093.1007 (formerly 0027.1033)	11/949,201	FLEXIBLE CIRCUIT BOARD OF LIQUID CRYSTAL DISPLAY HAVING A LIGHT ABSORBING LAYER	12/03/2007	020232/0634
0093.1008 (formerly 0027.1073)	12/105,628	DISPLAY FOR A KEYPAD AND ELECTRONIC DEVICE HAVING THE SAME	04/18/2008	021384/0703
0093.1009 (formerly 0027.1071)	12/105,517	MULTIFUNCTION KEY PAD DISPLAY AND ELECTRONIC DEVICE HAVING THE SAME	04/18/2008	020869/0958
0093.1010 (formerly 0027.1048)	12/143,151	ORGANIC LIGHT EMITTING DISPLAY AND MANUFACTURING THEREOF	06/20/2008	021167/0595
0095.1001 (formerly 1567.1018)	09/935,332	METHOD FOR FABRICATING ORGANIC ELECTROLUMINESCENT DISPLAY	08/23/2001	012319/0207
0095.1001C1 (formerly 1567.1019C1)	11/145,936	METHOD FOR FABRICATING ORGANIC ELECTROLUMINESCENT DISPLAY	06/07/2005	012319/0207
0095.1001C1CIP1 (formerly 1567.1019C1CIP1)	11/211,706	MANUFACTURING METHOD OF OLED DISPLAY AND APPARATUS FOR MANUFACTURING THE OLED DISPLAY	08/26/2005	016921/0840
0095.1002 (formerly 1567.1070)	10/910,350	GATE SHORTENED TO BODY THIN FILM TRANSISTOR, MANUFACTURING METHOD THEREOF, AND DISPLAY INCLUDING THE SAME	08/04/2004	015664/0678
0095.1003 (formerly 0009.1014)	11/593,090	METHOD OF MEASURING DEGREE OF CRYSTALLINITY OF POLYCRYSTALLINE SILICON SUBSTRATE, METHOD OF FABRICATING ORGANIC LIGHT EMITTING DISPLAY USING THE SAME, AND ORGANIC LIGHT EMITTING DISPLAY FABRICATED USING THE SAME	11/06/2006	018522/0471
0095.1004 (formerly 0009.1031)	11/688,325	LIGHT EMITTING DISPLAY	03/20/2007	019033/0086
0095.1005 (formerly 0009.1030)	11/723,068	ORGANIC LIGHT EMITTING DIODE AND ORGANIC LIGHT EMITTING DISPLAY HAVING THE SAME	03/16/2007	019110/0409
0095.1006 (formerly 0009.1053)	11/854,099	ORGANIC LIGHT EMITTING DISPLAY	09/12/2007	019874/0186
0095.1007 (formerly 0009.1056)	11/854,119	ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME	09/12/2007	019874/0188

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0095.1008 (formerly 0009.1035)	11/697,802	ORGANIC ELECTRO-LUMINESCENT DISPLAY DEVICE AND DRIVING METHOD THEREOF	04/09/2007	019481/0076
0095.1009 (formerly 0009.1080)	11/923,917	ORGANIC LIGHT EMITTING DIODE DISPLAY	10/25/2007	020051/0007
0095.1011 (formerly 0009.1114)	12/238,915	ORGANIC LIGHT EMITTING DIODE	09/26/2008	021621/0780
0095.1012 (formerly 0009.1095)	12/255,978	ELECTRONIC DISPLAY DEVICE	10/22/2008	
0095.1013 (formerly 0009.1094)	12/255,091	BARRIER DEVICE AND ELECTRONIC DISPLAY DEVICE	10/21/2008	021765/0588
0095.1015 (formerly 0009.1112)	12/269,287	DISPLAY DEVICE, ORGANIC LIGHT EMITTING DIODE DISPLAY AND MANUFACTURING METHOD OF THE SAME	11/12/2008	
0096.1001 (formerly 1568.1011)	09/812,936	ORGANIC ELECTROLUMINESCENT DEVICE INCLUDING CHARGE TRANSPORT BUFFER LAYER	03/27/2001	012068/0996
0096.1002 (formerly 1568.1037)	10/098,477	ORGANIC ELECTROMMINESCENT DISPLAY DEVICE	03/18/2002	012709/0885
0096.1003 (formerly 1568.1055)	10/318,102	REFLECTION TYPE COLOR LIQUID CRYSTAL DISPLAY (LCD)	12/13/2002	013580/0726
0096.1003D1 (formerly 1568.1055D)	11/081,720	REFLECTION TYPE COLOR LIQUID CRYSTAL DISPLAY (LCD) HAVING STEP DIFFERENCE FORMING LAYERS TO CREATE THICKNESS DIFFERENCES BETWEEN REFLECTIVE AREAS AND TRANSMISSIVE AREAS (AS AMENDED)	03/17/2005	013580/0726
0096.1004 (formerly 1568.1047)	10/266,702	ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME	10/09/2002	013369/0788
0096.1005 (formerly 1568.1060)	10/369,763	ORGANIC ELECTROLUMINESCENT DEVICE AND MANUFACTURING METHOD THEREOF	02/21/2003	013801/0672
0096.1006 (formerly 1568.1059)	10/385,453	ORGANIC ELECTROLUMINESCENT DEVICE EMPLOYING MULTI-LAYERED ANODE	03/12/2003	013871/0503

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0096.1007 (formerly 1568.1065)	10/624,636	CRYSTALLIZATION METHOD OF SILICON THIN FILM, THIN FILM TRANSISTOR MANUFACTURED USING THE METHOD, AND FLAT PANEL DISPLAY INCLUDING THE THIN FILM TRANSISTOR	07/23/2003	014323/0464
0096.1008 (formerly 1568.1069)	10/663,800	ORGANIC ELECTROLUMINESCENT DISPLAY AND METHOD OF MANUFACTURING THE SAME	09/17/2003	014518/0537
0096.1008C1 (formerly 1568.1069C1)	11/116,219	ORGANIC ELECTROLUMINESCENT DISPLAY AND METHOD OF MANUFACTURING THE SAME	04/28/2005	014518/0537
0096.1008C1D1 (formerly 1568.1069C1D1)	11/219,676	ORGANIC ELECTROLUMINESCENT DISPLAY AND METHOD OF MANUFACTURING THE SAME	09/07/2005	014518/0537
0096.1009 (formerly 1568.1064)	10/448,416	SURFACE LIGHT SOURCE DEVICE AND LIQUID CRYSTAL DISPLAY ASSEMBLY USING THE SAME	05/30/2003	014452/0649
0096.1010 (formerly 1568.1072)	10/784,192	ASSEMBLY OF ORGANIC ELECTROLUMINESCENCE DISPLAY DEVICE	02/24/2004	015019/0625
0096.1011 (formerly 1568.1071)	10/715,416	THIN FILM ELECTROLUMINESCENCE DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME	11/19/2003	014717/0483
0096.1011D1 (formerly 1568.1071D1)	11/641,070	THIN FILM ELECTROLUMINESCENCE DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME	12/19/2006	014717/0483
0096.1012 (formerly 1568.1076)	10/726,667	METHOD OF MANUFACTURING SUBSTRATE, METHOD OF MANUFACTURING ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE USING THE METHOD, AND ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE	12/04/2003	014762/0550
0096.1012D1 (formerly 1568.1076D1)	11/390,441	METHOD OF MANUFACTURING SUBSTRATE, METHOD OF MANUFACTURING ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE USING THE METHOD, AND ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE	03/28/2006	014762/0550
0096.1013 (formerly 1568.1089)	10/876,843	4,4'-BIS(CARBAZOL-9-YL)-BIPHENYL BASED SILICONE COMPOUND AND ORGANIC ELECTROLUMINESCENT DEVICE USING SAME	06/28/2004	015523/0170
0096.1014 (formerly 1568.1089)	10/798,289	METHOD OF STABLY DRIVING LIQUID CRYSTAL DISPLAY APPARATUS AND LIQUID CRYSTAL DISPLAY APPARATUS USING THE METHOD	03/12/2004	015086/0183

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0096.1015 (formerly 1568.1096)	10/915,569	ACTIVE MATRIX TYPE ORGANIC ELECTROLUMINESCENCE DEVICE	08/11/2004	015677/0221
0096.1016 (formerly 1670.1004)	10/320,546	ORGANIC ELECTROLUMINESCENT DEVICE	12/17/2002	016540/0121
0096.1017 (formerly 1670.1008)	10/448,133	METHOD OF MANUFACTURING A MASK FOR EVAPORATION	05/30/2003	016540/0121
0096.1018 (formerly 1670.1005)	10/352,008	ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE, SUBSTRATE OF THE SAME AND METHOD OF SPLITTING THE SUBSTRATE	01/28/2003	016540/0121
0096.1019 (formerly 1670.1006)	10/394,066	ORGANIC ELECTROLUMINESCENT DEVICE	03/24/2003	016540/0121
0096.1020 (formerly 1670.1012)	10/629,769	MANUFACTURING METHOD OF ELECTROLUMINESCENT DEVICE	07/30/2003	016540/0121
0096.1021 (formerly 1670.1011)	10/624,597	DUAL-TYPE ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE AND METHOD FOR MANUFACTURING THE SAME	20030722 our system says 07/23/2003	016540/0121
0096.1022 (formerly 1670.1016)	10/665,044	DUAL-TYPE ORGANIC ELECTROLUMINESCENCE DISPLAY AND MANUFACTURING METHOD THEREOF	09/22/2003	016540/0121
0096.1023 (formerly 1670.1010)	10/452,382	MASK AND MASK FRAME ASSEMBLY FOR EVAPORATION	06/03/2003	016540/0121
0096.1024 (formerly 1670.1014)	10/647,143	ORGANIC ELECTROLUMINESCENT DISPLAY	08/25/2003	016568/0225
0096.1025 (formerly 1670.1018)	10/691,627	ORGANIC ELECTROLUMINESCENCE DEVICE	10/24/2003	016568/0225
0096.1026 (formerly 1670.1017)	10/663,762	ORGANIC ELECTROLUMINESCENT DEVICE USING OPTICAL RESONANCE EFFECT	09/17/2003	016540/0121
0096.1027 (formerly 1670.1013)	10/645,846	ELECTROLUMINESCENT DEVICE AND METHOD OF MANUFACTURING THE SAME	08/22/2003	016568/0225
0096.1028 (formerly 1670.1003)	10/289,301	ORGANIC ELECTROLUMINESCENT DEVICE	11/07/2002	016540/0121
0096.1029 (formerly 1670.1007)	10/448,141	DEVICE FOR FIXING SUBSTRATE FOR THIN FILM SPUTTER AND METHOD OF FIXING SUBSTRATE USING THE SAME	05/30/2003	016540/0121
0096.1029C1 (formerly 1670.1007C1)	11/434,722	DEVICE FOR FIXING SUBSTRATE FOR THIN FILM SPUTTER AND METHOD OF FIXING SUBSTRATE USING THE SAME	05/17/2006	016540/0121

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0096.1030 (formerly 1670.1002)	10/223,471	TENSION MASK ASSEMBLY FOR USE IN VACUUM DEPOSITION OF THIN FILM OF ORGANIC ELECTROLUMINESCENT DEVICE	08/20/2002	016540/0121
0096.1031 (formerly 1568.1068)	10/465,825	BLUE ELECTROLUMINESCENT POLYMER AND ORGANIC-ELECTROLUMINESCENT DEVICE USING THE SAME	06/20/2003	
0096.1032 (formerly 1670.1001)	10/152,339	ORGANIC ELECTROLUMINESCENT DEVICE AND METHOD OF MANUFACTURING THE SAME	05/22/2002	016540/0121
0096.1033 (formerly 0026.1026)	11/582,534	THIN FILM TRANSISTOR AND FLAT PANEL DISPLAY INCLUDING THE SAME	10/18/2006	018436/0293
0096.1033D1 (formerly 0026.1026D1)	12/047,654	THIN FILM TRANSISTOR AND FLAT PANEL DISPLAY INCLUDING THE SAME	03/13/2008	018436/0293
0096.1034 (formerly 1568.1084)	10/831,621	FLAT PANEL DISPLAY	04/26/2004	015277/0556
0096.1035 (formerly 1670.1015)	10/652,493	HEATING CRUCIBLE FOR ORGANIC THIN FILM FORMING APPARATUS	09/02/2003	016540/0121
0096.1036 (formerly 1670.1009)	10/619,512	HEATING CRUCIBLE AND DEPOSITION APPARATUS USING THE SAME	07/16/2003	016540/0121
0096.1037 (formerly 1670.1019)	10/718,640	EVAPORATION MASK, METHOD OF FABRICATING ORGANIC ELECTROLUMINESCENT DEVICE USING THE SAME, AND ORGANIC ELECTROLUMINESCENT DEVICE	11/24/2003	016568/0225
0096.1038 (formerly 1670.1020)	10/717,571	DEPOSITION MASK FRAME ASSEMBLY, METHOD OF FABRICATING THE SAME, AND METHOD OF FABRICATING ORGANIC ELECTROLUMINESCENT DEVICE USING THE DEPOSITION MASK FRAME ASSEMBLY	11/21/2003	016568/0225
0096.1039 (formerly 0026.1008)	11/506,828	ORGANIC LIGHT-EMITTING DISPLAY DEVICE HAVING A PIXEL UNIT FOR TESTING PIXELS OF THE DISPLAY DEVICE	08/21/2006	018213/0573
0096.1040 (formerly 0026.1015)	11/508,147	ORGANIC THIN FILM TRANSISTOR AND FLAT DISPLAY DEVICE HAVING THE SAME	08/23/2006	018227/0479
0096.1041 (formerly 0026.1025)	11/582,467	ORGANIC THIN FILM TRANSISTOR, METHOD OF MANUFACTURING THE SAME, AND FLAT PANEL DISPLAY COMPRISING THE SAME	10/18/2006	018436/0113
0096.1042 (formerly 0026.1022)	11/546,342	ORGANIC THIN FILM TRANSISTOR, FLAT PANEL DISPLAY APPARATUS COMPRISING THE SAME, AND METHOD OF MANUFACTURING THE ORGANIC THIN FILM TRANSISTOR	10/12/2006	018409/0723

Attorney Docket No.	Application No.	Title	Filing Date (MM/DD/YYYY)	Assignment Reel/Frame No.
0096.1043 (formerly 0026.1028)	11/582,973	THIN FILM TRANSISTOR, METHOD OF MANUFACTURING THE SAME AND FLAT PANEL DISPLAY HAVING THE THIN FILM TRANSISTOR	10/19/2006	018445/0377
0096.1044 (formerly 0026.1034)	11/594,903	ORGANIC THIN FILM TRANSISTOR, FLAT PANEL DISPLAY APPARATUS HAVING THE SAME, AND A METHOD OF MANUFACTURING ORGANIC THIN FILM TRANSISTOR	11/09/2006	018595/0862
0096.1045 (formerly 0026.1029)	11/581,424	ORGANIC THIN FILM TRANSISTOR AND FLAT PANEL DISPLAY DEVICE HAVING THE SAME	10/17/2006	018429/0480
0096.1046 (formerly 0026.1030)	11/588,362	FLAT PANEL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME	10/27/2006	018483/0772
0096.1047 (formerly 0026.1076)	12/026,684	INORGANIC LIGHT EMITTING DISPLAY	02/06/2008	020508/0988
0096.1048 (formerly 0026.1044)	11/736,138	ELECTROPHORETIC DISPLAY APPARATUS AND MANUFACTURING METHOD THEREOF	04/17/2007	019205/0768
0096.1049 (formerly 0026.1039)	11/698,097	ORGANIC LIGHT EMITTING DISPLAY APPARATUS AND DRIVING METHOD THEREOF	01/26/2007	018843/0044
0096.1050 (formerly 0026.1040)	11/701,457	ORGANIC LIGHT EMITTING DISPLAY APPARATUS AND METHOD OF DRIVING THE SAME	02/02/2007	019013/0025
0096.1051 (formerly 0026.1053)	11/755,095	ORGANIC LIGHT-EMITTING DISPLAY DEVICE	05/30/2007	019394/0206
0096.1052 (formerly 0026.1079)	12/017,455	LIGHT-EMITTING DEVICE	01/22/2008	020476/0282
0096.1053 (formerly 0026.1068)	12/052,010	ORGANIC LIGHT-EMITTING DISPLAY APPARATUS	03/20/2008	020716/0301
0096.1054 (formerly 0026.1088)	12/133,712	ORGANIC LIGHT EMITTING DEVICE	06/05/2008	
0096.1055 (formerly 0026.1087)	12/048,704	ORGANIC LIGHT-EMITTING DEVICE INCLUDING ORGANIC LAYER INCLUDING ANTHRACENE DERIVATIVE COMPOUND	03/14/2008	020719/0824
0096.1056 (formerly 0026.1083)	11/837,799	ORGANIC LIGHT-EMITTING DEVICE INCLUDING FLUORINE-CONTAINING COMPOUND AND CARBON-BASED COMPOUND	08/13/2007	019734/0803
0096.1057 (formerly 0026.1087)	12/122,904	CHEMICAL VAPOR DEPOSITION APPARATUS AND PLASMA ENHANCED CHEMICAL VAPOR DEPOSITION APPARATUS	05/19/2008	021003/0116

Attorney Docket No.	Application No.	Title	Filing Date (MM/DD/YYYY)	Assignment Reel/Frame No.
0096.1058 (formerly 0026.1086)	12/145,080	ORGANIC LIGHT EMITTING DEVICE	06/24/2008	021191/0355
0096.1059 (formerly 0026.1085)	12/122,143	ORGANIC LIGHT EMITTING DIODE AND FLAT PANEL DEVICE INCLUDING THE SAME	05/16/2008	021017/0995
0096.1060 (formerly 0026.1069)	11/924,891	FLUORINE-CONTAINING COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE EMPLOYING THE SAME	10/26/2007	020067/0173
0096.1061 (formerly 0026.1077)	11/947,985	SILANYLAMINE-BASED COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE INCLUDING ORGANIC LAYER INCLUDING THE SILANYLAMINE-BASED COMPOUND	11/30/2007	020220/0541
0096.1062 (formerly 0026.1070)	11/926,364	CARBAZOLE-BASED COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE INCLUDING ORGANIC LAYER INCLUDING THE CARBAZOLE-BASED COMPOUND	10/29/2007	020066/0146
0096.1063 (formerly 0026.1089)	12/133,802	ORGANIC LIGHT EMITTING DEVICE	06/05/2008	021090/0733
0096.1064 (formerly 0026.1091)	12/133,824	ORGANIC LIGHT EMITTING DEVICE	06/05/2008	021091/0400
0096.1065 (formerly 0026.1092)	12/133,843	ORGANIC LIGHT EMITTING DEVICE	06/05/2008	021091/0398
0096.1066 (formerly 0026.1090)	12/133,744	ORGANIC LIGHT EMITTING DEVICE	06/05/2008	021145/0792
0096.1067 (formerly 0026.1099)	12/205,119	ORGANIC LIGHT-EMITTING DEVICE	09/05/2008	021521/0693
0096.1068 (formerly 0026.1100)	12/211,224	ORGANIC LIGHT-EMITTING DEVICE	09/16/2008	021595/0762
0096.1069 (formerly 0026.1103)	12/211,233	ORGANIC LIGHT-EMITTING DEVICE	09/16/2008	021597/0523
0096.1070 (formerly 0026.1093)	12/180,015	HETEROCYCLIC COMPOUND AND AN ORGANIC LIGHT EMITTING DEVICE COMPRISING THE SAME	07/25/2008	
0096.1071 (formerly 0026.1082)	12/053,900	ORGANIC LIGHT-EMITTING DEVICE INCLUDING TRANSPARENT CONDUCTING OXIDE LAYER AS CATHODE AND METHOD OF MANUFACTURING THE SAME	03/24/2008	020732/0719
0096.1072 (formerly 0026.1076)	12/051,150	ORGANIC LIGHT-EMITTING DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME	03/19/2008	020719/0839

Attorney Docket No.	Application No.	Title	Filing Date (MM/DD/YYYY)	Assignment Reel/Frame No.
0096.1073 (formerly 0026.1074)	12/051,130	ORGANIC LIGHT EMITTING DISPLAY APPARATUS AND METHOD OF MANUFACTURING THE SAME	03/19/2008	020716/0311
0096.1074 (formerly 0026.1094)	12/105,641	POLARIZER AND ORGANIC LIGHT EMITTING DISPLAY APPARATUS COMPRISING THE POLARIZER	04/18/2008	021557/0334
0096.1075 (formerly 0026.1073)	11/837,185	POLARIZER AND FLAT PANEL DISPLAY APPARATUS INCLUDING THE SAME	08/10/2007	019724/0820
0096.1076 (formerly 0026.1109)	12/206,785	EVAPORATING METHOD FOR FORMING THIN FILM	09/09/2008	021522/0809
0096.1077 (formerly 0026.1102)	12/175,829	ORGANIC LIGHT-EMITTING DEVICE	07/18/2008	
0096.1078 (formerly 0026.1104)	12/183,451	THIN FILM TRANSISTOR AND FLAT PANEL DISPLAY DEVICE INCLUDING THE SAME	07/31/2008	021353/0215



## UNITED STATES PATENT AND TRADEMARK OFFICE

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DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 22, 2008

PTAS



\*103540113A\*

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1400 EYE ST., N.W., SUITE 300  
WASHINGTON, D.C. 20005

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RECORDATION DATE: 12/12/2008

REEL/FRAME: 022010/0001

NUMBER OF PAGES: 23

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 0089.0001

ASSIGNOR:  
SAMSUNG SDI CO., LTD.

DOC DATE: 12/09/2008

ASSIGNEE:  
SAMSUNG MOBILE DISPLAY CO., LTD.  
575, SHIN-DONG, YEONGTONG-GU  
SUWON-SI, GYEONGGI-DO  
REPUBLIC  
OF KOREA

SERIAL NUMBER: 11508159

FILING DATE: 08/23/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: LASER INDUCED THERMAL IMAGING APPARATUS AND LASER INDUCED THERMAL IMAGING METHOD AND FABRICATING METHOD OF ORGANIC LIGHT-EMITTING DIODE USING THE SAME

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SERIAL NUMBER: 11508162 FILING DATE: 08/23/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: LASER INDUCED THERMAL IMAGING METHOD AND FABRICATING METHOD OF  
ORGANIC LIGHT-EMITTING DIODE USING THE SAME

SERIAL NUMBER: 11505374 FILING DATE: 08/17/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: SHIFT REGISTER CIRCUIT

SERIAL NUMBER: 11647336 FILING DATE: 12/29/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: DRIVING CIRCUIT AND ORGANIC ELECTROLUMINESCENCE DISPLAY THEREOF

SERIAL NUMBER: 11645678 FILING DATE: 12/27/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: DRIVING CIRCUIT AND ORGANIC ELECTROLUMINESCENCE DISPLAY THEREOF

SERIAL NUMBER: 11599982 FILING DATE: 11/16/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: DRIVING CIRCUIT AND ORGANIC ELECTROLUMINESCENCE DISPLAY THEREOF

SERIAL NUMBER: 11651017 FILING DATE: 01/09/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC ELECTROLUMINESCENCE DISPLAY AND DRIVING METHOD THEREOF

SERIAL NUMBER: 11650957 FILING DATE: 01/09/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC ELECTROLUMINESCENCE DISPLAY AND DRIVING METHOD THEREOF

SERIAL NUMBER: 11688365 FILING DATE: 03/20/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC ELECTRO LUMINESCENCE DISPLAY DEVICE AND DRIVING METHOD FOR  
THE SAME

SERIAL NUMBER: 11655169 FILING DATE: 01/19/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: PIXEL AND ORGANIC LIGHT EMITTING DISPLAY USING THE SAME

SERIAL NUMBER: 11765590 FILING DATE: 06/20/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: MASK USED TO FABRICATE ORGANIC LIGHT-EMITTING DIODE (OLED) DISPLAY  
DEVICE, METHOD OF FABRICATING OLED DISPLAY DEVICE USING THE MASK,  
OLED DISPLAY DEVICE FABRICATED USING THE MASK, AND METHOD OF  
FABRICATING THE MASK

SERIAL NUMBER: 11833454 FILING DATE: 08/03/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: SHIFT REGISTER AND ORGANIC LIGHT EMITTING DISPLAY USING THE SAME

SERIAL NUMBER: 11777613 FILING DATE: 07/13/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: NON-VOLATILE MEMORY DEVICE AND FABRICATION METHOD OF NON-VOLATILE  
MEMORY DEVICE AND MEMORY APPARATUS INCLUDING NON-VOLATILE MEMORY  
DEVICE

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SERIAL NUMBER: 11777637 FILING DATE: 07/13/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: NON-VOLATILE MEMORY DEVICE AND FABRICATION METHOD THEREOF AND  
MEMORY APPARATUS INCLUDING THEREOF

SERIAL NUMBER: 11777657 FILING DATE: 07/13/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: NONVOLATILE MEMORY CELL, ARRAY THEREOF, FABRICATION METHODS THEREOF  
AND DEVICE COMPRISING THE SAME

SERIAL NUMBER: 11858459 FILING DATE: 09/20/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: SOURCE PLATE FOR LIQUID CRYSTAL DISPLAYS, AND LIQUID CRYSTAL  
DISPLAY DEVICE HAVING SOURCE PLATE

SERIAL NUMBER: 11782831 FILING DATE: 07/25/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY DEVICE AND METHOD FOR FABRICATING  
THE SAME

SERIAL NUMBER: 11851676 FILING DATE: 09/07/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF OPTIMIZING BRIGHTNESS OF LIQUID CRYSTAL DISPLAY PANEL

SERIAL NUMBER: 11835753 FILING DATE: 08/08/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY

SERIAL NUMBER: 11858384 FILING DATE: 09/20/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: FLAT PANEL DISPLAY DEVICE

SERIAL NUMBER: 11858423 FILING DATE: 09/20/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: DIFFERENTIAL SIGNALING SYSTEM AND FLAT PANEL DISPLAY WITH THE SAME

SERIAL NUMBER: 12035631 FILING DATE: 02/22/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: LIQUID CRYSTAL DISPLAY AND DRIVING METHOD THEREOF

SERIAL NUMBER: 11951517 FILING DATE: 12/06/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC ELECTRO-LUMINESCENT DISPLAY AND METHOD OF MAKING THE SAME

SERIAL NUMBER: 11930580 FILING DATE: 10/31/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 11972194 FILING DATE: 01/10/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: DIFFERENTIAL SIGNALING SYSTEM AND FLAT PANEL DISPLAY WITH THE SAME

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SERIAL NUMBER: 11971408 FILING DATE: 01/09/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: DIFFERENTIAL SIGNALING SYSTEM AND FLAT PANEL DISPLAY WITH THE SAME

SERIAL NUMBER: 11949953 FILING DATE: 12/04/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR FOR FLAT PANEL DISPLAY AND METHOD OF FABRICATING THE SAME

SERIAL NUMBER: 12098631 FILING DATE: 04/07/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 12170765 FILING DATE: 07/10/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY DEVICE AND DRIVING METHOD THEREOF

SERIAL NUMBER: 12098641 FILING DATE: 04/07/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING ELEMENT AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 12098653 FILING DATE: 04/07/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF MANUFACTURING ORGANIC LIGHT EMITTING DEVICE HAVING PHOTO DIODE

SERIAL NUMBER: 12060330 FILING DATE: 04/01/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: DIFFERENTIAL SIGNALING SYSTEM AND FLAT PANEL DISPLAY WITH THE SAME

SERIAL NUMBER: 12060321 FILING DATE: 04/01/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: DIFFERENTIAL SIGNALING SYSTEM AND FLAT PANEL DISPLAY WITH THE SAME

SERIAL NUMBER: 12181500 FILING DATE: 07/29/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: PIXEL AND ORGANIC LIGHT EMITTING DISPLAY USING THE SAME

SERIAL NUMBER: 12145771 FILING DATE: 06/25/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: PIXEL AND ORGANIC LIGHT EMITTING DISPLAY USING THE SAME

SERIAL NUMBER: 12140614 FILING DATE: 06/17/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 12169089 FILING DATE: 07/08/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF DRIVING THE SAME

SERIAL NUMBER: 12186013 FILING DATE: 08/05/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY AND DRIVING METHOD THEREOF

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SERIAL NUMBER: 09850406 FILING DATE: 05/08/2001  
PATENT NUMBER: 6561666 ISSUE DATE: 05/13/2003  
TITLE: ORGANIC ELECTROLUMINESCENT (EL) DEVICE

SERIAL NUMBER: 09862449 FILING DATE: 05/23/2001  
PATENT NUMBER: 6808826 ISSUE DATE: 10/26/2004  
TITLE: BLUE ELECTROLUMINESCENCE COMPOUND FOR AN ORGANIC  
ELECTROLUMINESCENCE DEVICE AND THE ORGANIC ELECTROLUMINESCENCE  
DEVICE USING THE SAME

SERIAL NUMBER: 10014792 FILING DATE: 12/14/2001  
PATENT NUMBER: 6850231 ISSUE DATE: 02/01/2005  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY CONTROL SYSTEM

SERIAL NUMBER: 10068004 FILING DATE: 02/08/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR AND MANUFACTURING METHOD THEREOF, AND ACTIVE  
MATRIX DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF

SERIAL NUMBER: 10086629 FILING DATE: 03/04/2002  
PATENT NUMBER: 6753235 ISSUE DATE: 06/22/2004  
TITLE: METHOD OF MANUFACTURING CMOS THIN FILM TRANSISTOR

SERIAL NUMBER: 10036517 FILING DATE: 01/07/2002  
PATENT NUMBER: 6635504 ISSUE DATE: 10/21/2003  
TITLE: METHOD OF MANUFACTURING ORGANIC EL DISPLAY

SERIAL NUMBER: 10038772 FILING DATE: 01/08/2002  
PATENT NUMBER: 6958252 ISSUE DATE: 10/25/2005  
TITLE: FLAT PANEL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 11256078 FILING DATE: 10/24/2005  
PATENT NUMBER: 7264981 ISSUE DATE: 09/04/2007  
TITLE: FLAT PANEL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 11231937 FILING DATE: 09/22/2005  
PATENT NUMBER: 7319243 ISSUE DATE: 01/15/2008  
TITLE: FLAT PANEL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 10095111 FILING DATE: 03/12/2002  
PATENT NUMBER: 6833666 ISSUE DATE: 12/21/2004  
TITLE: FLAT PANEL DISPLAY WITH HIGH CAPACITANCE AND METHOD OF  
MANUFACTURING THE SAME

SERIAL NUMBER: 10857983 FILING DATE: 06/02/2004  
PATENT NUMBER: 6878584 ISSUE DATE: 04/12/2005  
TITLE: FLAT PANEL DISPLAY WITH HIGH CAPACITANCE AND METHOD OF  
MANUFACTURING THE SAME

SERIAL NUMBER: 11063730 FILING DATE: 02/24/2005  
PATENT NUMBER: 7285459 ISSUE DATE: 10/23/2007  
TITLE: FLAT PANEL DISPLAY WITH HIGH CAPACITANCE AND METHOD OF  
MANUFACTURING THE SAME

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SERIAL NUMBER: 10067818 FILING DATE: 02/08/2002  
PATENT NUMBER: 6784612 ISSUE DATE: 08/31/2004  
TITLE: ORGANIC EL DISPLAY DEVICE AND METHOD OF ENCAPSULATING THE SAME

SERIAL NUMBER: 10893917 FILING DATE: 07/20/2004  
PATENT NUMBER: 7348725 ISSUE DATE: 03/25/2008  
TITLE: METHOD OF ENCAPSULATING ORGANIC EL DISPLAY DEVICE HAVING THROUGH HOLE IN SUBSTRATE AND/OR FLAT PANEL

SERIAL NUMBER: 10173977 FILING DATE: 06/19/2002  
PATENT NUMBER: 6759679 ISSUE DATE: 07/06/2004  
TITLE: POLY-SILICON LAYER OF A THIN FILM TRANSISTOR AND DISPLAY DEVICE HAVING THE SAME

SERIAL NUMBER: 10167420 FILING DATE: 06/13/2002  
PATENT NUMBER: 7009339 ISSUE DATE: 03/07/2006  
TITLE: ORGANIC EL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 11011596 FILING DATE: 12/15/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR FABRICATING A DISPLAY DEVICE

SERIAL NUMBER: 11312547 FILING DATE: 12/21/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC EL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 11175183 FILING DATE: 07/07/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC EL DISPLAY DEVICE HAVING AN ORGANIC EL LAYER FORMED ON AN EXPOSED UNDERLYING LAYER

SERIAL NUMBER: 11011595 FILING DATE: 12/15/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC EL DISPLAY DEVICE

SERIAL NUMBER: 10166367 FILING DATE: 06/11/2002  
PATENT NUMBER: 6875644 ISSUE DATE: 04/05/2005  
TITLE: METHODS OF MANUFACTURING THIN FILM TRANSISTORS USING MASKS TO PROTECT THE CHANNEL REGIONS FROM IMPURITIES WHILE DOPING A SEMICONDUCTOR LAYER TO FORM SOURCE/DRAIN REGIONS

SERIAL NUMBER: 11029335 FILING DATE: 01/06/2005  
PATENT NUMBER: 7205183 ISSUE DATE: 04/17/2007  
TITLE: METHODS OF MANUFACTURING THIN FILM TRANSISTORS USING MASKS TO PROTECT THE CHANNEL REGIONS FROM IMPURITIES WHILE DOPING A SEMICONDUCTOR LAYER TO FORM SOURCE/DRAIN REGIONS

SERIAL NUMBER: 10164385 FILING DATE: 06/10/2002  
PATENT NUMBER: 6955578 ISSUE DATE: 10/18/2005  
TITLE: METHOD OF VARYING TRANSMITTANCE OF TRANSPARENT CONDUCTIVE LAYER, FLAT PANEL DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF

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SERIAL NUMBER: 11186830 FILING DATE: 07/22/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF VARYING TRANSMITTANCE OF TRANSPARENT CONDUCTIVE LAYER,  
FLAT PANEL DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF

SERIAL NUMBER: 10172001 FILING DATE: 06/17/2002  
PATENT NUMBER: ISSUE DATE:  
TITLE: LIGHT-EMITTING POLYMER COMPOSITION AND ORGANIC EL DISPLAY DEVICE  
USING THE SAME

SERIAL NUMBER: 11011588 FILING DATE: 12/15/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: LIGHT-EMITTING POLYMER COMPOSITION AND ORGANIC EL DISPLAY DEVICE  
USING THE SAME

SERIAL NUMBER: 11011587 FILING DATE: 12/15/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: LIGHT-EMITTING POLYMER COMPOSITION AND ORGANIC EL DISPLAY DEVICE  
USING THE SAME

SERIAL NUMBER: 10167651 FILING DATE: 06/13/2002  
PATENT NUMBER: 6853147 ISSUE DATE: 02/08/2005  
TITLE: ORGANIC EL DISPLAY DEVICE HAVING ORGANIC SOLUBLE DERIVATIVE LAYER

SERIAL NUMBER: 11011834 FILING DATE: 12/15/2004  
PATENT NUMBER: 6989288 ISSUE DATE: 01/24/2006  
TITLE: ORGANIC EL DISPLAY DEVICE HAVING ORGANIC SOLUBLE DERIVATIVE LAYER

SERIAL NUMBER: 11011597 FILING DATE: 12/15/2004  
PATENT NUMBER: 7453202 ISSUE DATE: 11/18/2008  
TITLE: ORGANIC EL DISPLAY DEVICE HAVING ORGANIC SOLUBLE DERIVATIVE LAYER

SERIAL NUMBER: 10985925 FILING DATE: 11/12/2004  
PATENT NUMBER: 7045088 ISSUE DATE: 05/16/2006  
TITLE: MEASURING TOOL, ENCODER AND PRODUCING METHOD OF ENCODER

SERIAL NUMBER: 11634934 FILING DATE: 12/07/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: FLAT PANEL DISPLAY DEVICE WITH POWER SUPPLY LAYER

SERIAL NUMBER: 10288509 FILING DATE: 11/06/2002  
PATENT NUMBER: 7256534 ISSUE DATE: 08/14/2007  
TITLE: FLAT PANEL DISPLAY WITH BLACK MATRIX

SERIAL NUMBER: 11773789 FILING DATE: 07/05/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: FLAT PANEL DISPLAY WITH BLACK MATRIX AND METHOD OF FABRICATING THE  
SAME

SERIAL NUMBER: 10288486 FILING DATE: 11/06/2002  
PATENT NUMBER: 6897478 ISSUE DATE: 05/24/2005  
TITLE: FLAT PANEL DISPLAY DEVICE WITH ANTI-REFLECTION LAYER HAVING  
CONCENTRATION GRADIENT

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SERIAL NUMBER: 10895925 FILING DATE: 07/22/2004  
PATENT NUMBER: 6902943 ISSUE DATE: 06/07/2005  
TITLE: FLAT PANEL DISPLAY DEVICE WITH ANTI-REFLECTION LAYER HAVING CONCENTRATION GRADIENT AND FABRICATION METHOD THEREOF

SERIAL NUMBER: 11092891 FILING DATE: 03/30/2005  
PATENT NUMBER: 7052931 ISSUE DATE: 05/30/2006  
TITLE: FLAT PANEL DISPLAY DEVICE WITH FIRST ELECTRODE HAVING CONCENTRATION GRADIENT AND FABRICATION METHOD THEREOF

SERIAL NUMBER: 10237875 FILING DATE: 09/10/2002  
PATENT NUMBER: 6933526 ISSUE DATE: 08/23/2005  
TITLE: CMOS THIN FILM TRANSISTOR

SERIAL NUMBER: 10978376 FILING DATE: 11/02/2004  
PATENT NUMBER: 7211475 ISSUE DATE: 05/01/2007  
TITLE: CMOS THIN FILM TRANSISTOR

SERIAL NUMBER: 10298571 FILING DATE: 11/19/2002  
PATENT NUMBER: 6720578 ISSUE DATE: 04/13/2004  
TITLE: POLYCRYSTALLINE SILICON THIN FILM FOR A THIN FILM TRANSISTOR AND DISPLAY DEVICE USING THE SAME

SERIAL NUMBER: 10298559 FILING DATE: 11/19/2002  
PATENT NUMBER: 6815267 ISSUE DATE: 11/09/2004  
TITLE: THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED LATERAL CRYSTALLIZATION AND METHOD OF FABRICATING THE SAME

SERIAL NUMBER: 10890999 FILING DATE: 07/15/2004  
PATENT NUMBER: 7001802 ISSUE DATE: 02/21/2006  
TITLE: THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED LATERAL CRYSTALLIZATION AND METHOD OF FABRICATING THE SAME

SERIAL NUMBER: 11010271 FILING DATE: 12/14/2004  
PATENT NUMBER: 7235434 ISSUE DATE: 06/26/2007  
TITLE: THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED LATERAL CRYSTALLIZATION AND METHOD OF FABRICATING THE SAME

SERIAL NUMBER: 11011584 FILING DATE: 12/15/2004  
PATENT NUMBER: 7235435 ISSUE DATE: 06/26/2007  
TITLE: METHOD FOR FABRICATING THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED LATERAL CRYSTALLIZATION

SERIAL NUMBER: 11023640 FILING DATE: 12/29/2004  
PATENT NUMBER: 7381990 ISSUE DATE: 06/03/2008  
TITLE: THIN FILM TRANSISTOR WITH MULTIPLE GATES FABRICATED USING SUPER GRAIN SILICON CRYSTALLIZATION

SERIAL NUMBER: 11023637 FILING DATE: 12/29/2004  
PATENT NUMBER: 7294537 ISSUE DATE: 11/13/2007  
TITLE: METHOD OF FABRICATING THIN FILM TRANSISTOR WITH MULTIPLE GATES USING SUPER GRAIN SILICON CRYSTALLIZATION

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SERIAL NUMBER: 11105381 FILING DATE: 04/14/2005  
PATENT NUMBER: 7112475 ISSUE DATE: 09/26/2006  
TITLE: THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED  
LATERAL CRYSTALLIZATION AND METHOD OF FABRICATING THE SAME

SERIAL NUMBER: 11105382 FILING DATE: 04/14/2005  
PATENT NUMBER: 7208352 ISSUE DATE: 04/24/2007  
TITLE: THIN FILM TRANSISTOR WITH MULTIPLE GATES USING METAL INDUCED  
LATERAL CRYSTALLIZATION AND METHOD OF FABRICATING THE SAME

SERIAL NUMBER: 10354110 FILING DATE: 01/30/2003  
PATENT NUMBER: 6855960 ISSUE DATE: 02/15/2005  
TITLE: FLAT PANEL DISPLAY WITH BLACK MATRIX AND METHOD OF FABRICATING  
THEREOF

SERIAL NUMBER: 11028588 FILING DATE: 01/05/2005  
PATENT NUMBER: 7321405 ISSUE DATE: 01/22/2008  
TITLE: FLAT PANEL DISPLAY WITH BLACK MATRIX AND METHOD OF FABRICATING  
THEREOF

SERIAL NUMBER: 10370496 FILING DATE: 02/24/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR AND ORGANIC ELECTROLUMINESCENT DEVICE USING  
THE SAME

SERIAL NUMBER: 10421754 FILING DATE: 04/24/2003  
PATENT NUMBER: 7052784 ISSUE DATE: 05/30/2006  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE USING A MIXTURE OF HIGH AND LOW  
MOLECULAR LIGHT-EMITTING SUBSTANCE AS A LIGHT-EMITTING SUBSTANCE

SERIAL NUMBER: 11011583 FILING DATE: 12/15/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE USING A MIXTURE OF HIGH AND LOW  
MOLECULAR LIGHT-EMITTING SUBSTANCES AS A LIGHT-EMITTING SUBSTANCE

SERIAL NUMBER: 11011582 FILING DATE: 12/15/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE USING A MIXTURE OF HIGH AND LOW  
MOLECULAR LIGHT-EMITTING SUBSTANCES AS A LIGHT-EMITTING SUBSTANCE

SERIAL NUMBER: 10404134 FILING DATE: 04/02/2003  
PATENT NUMBER: 6870198 ISSUE DATE: 03/22/2005  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE USING MIXTURE OF PHOSPHORESCENT  
MATERIAL AS LIGHT-EMITTING SUBSTANCE

SERIAL NUMBER: 11011434 FILING DATE: 12/15/2004  
PATENT NUMBER: 7348208 ISSUE DATE: 03/25/2008  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE USING MITURE OF PHOSPHORESCENT  
MATERIAL AS LIGHT-EMITTING SUBSTANCE

SERIAL NUMBER: 11011747 FILING DATE: 12/15/2004  
PATENT NUMBER: 7358662 ISSUE DATE: 04/15/2008  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE USING MIXTURE OF PHOSPHORESCENT  
MATERIAL AS LIGHT-EMITTING SUBSTANCE

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SERIAL NUMBER: 11035393 FILING DATE: 01/14/2005  
PATENT NUMBER: 7332739 ISSUE DATE: 02/19/2008  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE USING MIXTURE OF PHOSPHORESCENT MATERIAL AS LIGHT-EMITTING SUBSTANCE

SERIAL NUMBER: 10454612 FILING DATE: 06/05/2003  
PATENT NUMBER: 6825494 ISSUE DATE: 11/30/2004  
TITLE: POLYCRYSTALLINE SILICON THIN FILM USED IN A THIN FILM TRANSISTOR AND A DEVICE USING THE SAME

SERIAL NUMBER: 10677278 FILING DATE: 10/03/2003  
PATENT NUMBER: 7011992 ISSUE DATE: 03/14/2006  
TITLE: METHOD OF FABRICATING A THIN FILM TRANSISTOR USING DUAL OR MULTIPLE GATES

SERIAL NUMBER: 11329030 FILING DATE: 01/11/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF FABRICATING A THIN FILM TRANSISTOR USING DUAL OR MULTIPLE GATES

SERIAL NUMBER: 10648194 FILING DATE: 08/27/2003  
PATENT NUMBER: 7126271 ISSUE DATE: 10/24/2006  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE HAVING BI-LAYER ELECTRON INJECTION STRUCTURE

SERIAL NUMBER: 10694044 FILING DATE: 10/28/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: DONOR FILM FOR LOW MOLECULAR WEIGHT FULL COLOR ORGANIC ELECTROLUMINESCENT DEVICE USING LASER INDUCED THERMAL IMAGING METHOD AND METHOD FOR FABRICATING LOW MOLECULAR WEIGHT FULL COLOR ORGANIC ELECTROLUMINESCENT DEVICE USING THE FILM

SERIAL NUMBER: 10687993 FILING DATE: 10/20/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: DISPLAY DEVICE HAVING CRYSTAL GRAIN BOUNDARIES PROVIDING SUPERIOR DRIVING AND LUMINANCE CHARACTERISTICS

SERIAL NUMBER: 10734162 FILING DATE: 12/15/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR WITH LDD/OFFSET STRUCTURE

SERIAL NUMBER: 10690507 FILING DATE: 10/23/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR MANUFACTURING POLYCRYSTALLINE SILICON THIN FILM AND THIN FILM TRANSISTOR FABRICATED USING POLYCRYSTALLINE SILICON THIN FILM MANUFACTURED BY THE MANUFACTURING

SERIAL NUMBER: 10694030 FILING DATE: 10/28/2003  
PATENT NUMBER: 7183571 ISSUE DATE: 02/27/2007  
TITLE: POLYCRYSTALLINE SILICON THIN FILM, FABRICATION METHOD THEREOF, AND THIN FILM TRANSISTOR WITHOUT DIRECTIONAL DEPENDENCY ON ACTIVE CHANNELS FABRICATED USING THE SAME

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SERIAL NUMBER: 11201326 FILING DATE: 08/11/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: POLYCRYSTALLINE SILICON THIN FILM, FABRICATION METHOD THEREOF, AND THIN FILM TRANSISTOR WITHOUT DIRECTIONAL DEPENDENCY ON ACTIVE CHANNELS FABRICATED USING THE SAME

SERIAL NUMBER: 11655168 FILING DATE: 01/19/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: POLYCRYSTALLINE SILICON THIN FILM, FABRICATION METHOD THEREOF, AND THIN FILM TRANSISTOR WITHOUT DIRECTIONAL DEPENDENCY ON ACTIVE CHANNELS FABRICATED USING THE SAME

SERIAL NUMBER: 10754107 FILING DATE: 01/09/2004  
PATENT NUMBER: 6992437 ISSUE DATE: 01/31/2006  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE

SERIAL NUMBER: 10827326 FILING DATE: 04/20/2004  
PATENT NUMBER: 7274037 ISSUE DATE: 09/25/2007  
TITLE: THIN FILM TRANSISTOR AND DISPLAY DEVICE USING THE SAME

SERIAL NUMBER: 10760864 FILING DATE: 01/20/2004  
PATENT NUMBER: 7333803 ISSUE DATE: 02/19/2008  
TITLE: NETWORK SUPPORT FOR VOICE-TO-TEXT MEMO SERVICE

SERIAL NUMBER: 11760869 FILING DATE: 06/11/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF FABRICATING THIN FILM TRANSISTOR

SERIAL NUMBER: 11760876 FILING DATE: 06/11/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR AND DISPLAY DEVICE USING THE SAME

SERIAL NUMBER: 11796980 FILING DATE: 04/30/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: MODULAR SECURITY SUITE [MSS] TM M.A.S.F.

SERIAL NUMBER: 11365498 FILING DATE: 03/02/2006  
PATENT NUMBER: 7388223 ISSUE DATE: 06/17/2008  
TITLE: FLAT PANEL DISPLAY DEVICE AND METHOD OF FABRICATING THE SAME

SERIAL NUMBER: 10820845 FILING DATE: 04/09/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE

SERIAL NUMBER: 10839338 FILING DATE: 05/06/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DEVICE EMPLOYING DOPED HOLE TRANSPORTING LAYER AND/OR HOLE INJECTING LAYER

SERIAL NUMBER: 10757471 FILING DATE: 01/15/2004  
PATENT NUMBER: 7399536 ISSUE DATE: 07/15/2008  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE DRIVEN AT LOW VOLTAGE

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SERIAL NUMBER: 10973262

FILING DATE: 10/27/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: DRIVING METHOD OF FS-LCD

SERIAL NUMBER: 10770445

FILING DATE: 02/04/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: EMITTING COMPOUND FOR ORGANIC ELECTROLUMINESCENT DEVICE AND ORGANIC ELECTROLUMINESCENT DEVICE USING THE SAME

SERIAL NUMBER: 10849193

FILING DATE: 05/20/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: DOUBLE-SIDED LIGHT EMITTING DEVICE

SERIAL NUMBER: 10828247

FILING DATE: 04/21/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE HAVING SUPERIOR CHARACTERISTICS AT HIGH TEMPERATURE

SERIAL NUMBER: 10924911

FILING DATE: 08/25/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: DUAL TYPE FLAT PANEL DISPLAY DEVICE

SERIAL NUMBER: 11509574

FILING DATE: 08/25/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: MASK FOR LITI AND LITI METHOD USING THE SAME

SERIAL NUMBER: 11515903

FILING DATE: 09/06/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: THIN FILM TRANSISTOR

SERIAL NUMBER: 11517277

FILING DATE: 09/08/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: ORGANIC LIGHT EMITTING DISPLAY DEVICE AND METHOD OF FABRICATING THE SAME

SERIAL NUMBER: 11529361

FILING DATE: 09/29/2006

PATENT NUMBER:

ISSUE DATE:

TITLE: THIN FILM TRANSISTOR AND METHOD OF FABRICATING THE SAME

SERIAL NUMBER: 12045172

FILING DATE: 03/10/2008

PATENT NUMBER:

ISSUE DATE:

TITLE: THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, AND ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE INCLUDING THE SAME

SERIAL NUMBER: 12048662

FILING DATE: 03/14/2008

PATENT NUMBER:

ISSUE DATE:

TITLE: THIN FILM TRANSISTOR, ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE HAVING THE SAME, FLAT PANEL DISPLAY DEVICE, AND SEMICONDUCTOR DEVICE, AND METHODS OF FABRICATING THE SAME

SERIAL NUMBER: 11863824

FILING DATE: 09/28/2007

PATENT NUMBER:

ISSUE DATE:

TITLE: THIN FILM TRANSISTOR AND METHOD OF FABRICATING THE SAME

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SERIAL NUMBER: 11966056 FILING DATE: 12/28/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, AND ORGANIC  
LIGHT EMITTING DIODE DISPLAY DEVICE INCLUDING THE SAME

SERIAL NUMBER: 11741307 FILING DATE: 04/27/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF FABRICATING PMOS THIN FILM TRANSISTOR

SERIAL NUMBER: 11741273 FILING DATE: 04/27/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF FABRICATING THIN FILM TRANSISTOR

SERIAL NUMBER: 11935670 FILING DATE: 11/06/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE AND METHOD OF  
MANUFACTURING THE SAME

SERIAL NUMBER: 12044278 FILING DATE: 03/07/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE AND METHOD OF  
MANUFACTURING THE SAME

SERIAL NUMBER: 11954716 FILING DATE: 12/12/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR AND FABRICATION METHOD THEREOF

SERIAL NUMBER: 11951525 FILING DATE: 12/06/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, AND ORGANIC  
LIGHT EMITTING DIODE DISPLAY DEVICE INCLUDING THE SAME

SERIAL NUMBER: 11751294 FILING DATE: 05/21/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: LASER IRRADIATION DEVICE AND METHOD OF FABRICATING OLED USING THE  
SAME

SERIAL NUMBER: 11958562 FILING DATE: 12/18/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHTING EMITTING DIODE DISPLAY DEVICE AND METHOD OF  
FABRICATING THE SAME

SERIAL NUMBER: 11964289 FILING DATE: 12/26/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: MASK DEVICE, METHOD OF FABRICATING THE SAME, AND METHOD OF  
FABRICATING ORGANIC LIGHT EMITTING DISPLAY DEVICE USING THE SAME

SERIAL NUMBER: 11953187 FILING DATE: 12/10/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY DEVICE AND METHOD OF FABRICATING THE  
SAME

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SERIAL NUMBER: 12207025 FILING DATE: 09/09/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR, METHOD OF FABRICATING THE THIN FILM  
TRANSISTOR, ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE, METHOD OF  
FABRICATING THE ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE, AND  
DONOR SUBSTRATE FOR LASER INDUCED THERMAL IMAGING

SERIAL NUMBER: 12130340 FILING DATE: 05/30/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF FABRICATING POLYCRYSTALLINE SILICON LAYER, TFT FABRICATED  
USING THE SAME, METHOD OF FABRICATING TFT, AND ORGANIC LIGHT  
EMITTING DIODE DISPLAY DEVICE HAVING THE SAME

SERIAL NUMBER: 12194739 FILING DATE: 08/20/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, ORGANIC LIGHT  
EMITTING DIODE DISPLAY DEVICE HAVING THE TFT, AND METHOD OF  
FABRICATING THE OLED DISPLAY DEVICE

SERIAL NUMBER: 12047619 FILING DATE: 03/13/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: FLAT PANEL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 12163074 FILING DATE: 06/27/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, ORGANIC LIGHT  
EMITTING DIODE DISPLAY DEVICE INCLUDING THE SAME AND METHOD OF  
FABRICATING THE SAME

SERIAL NUMBER: 12196603 FILING DATE: 08/22/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: CRUCIBLE HEATING APPARATUS AND DEPOSITION APPARATUS INCLUDING THE  
SAME

SERIAL NUMBER: 12138884 FILING DATE: 06/13/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR, METHOD OF FABRICATING THE THIN FILM  
TRANSISTOR, AND DISPLAY DEVICE INCLUDING THE THIN FILM TRANSISTOR

SERIAL NUMBER: 12142210 FILING DATE: 06/19/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF FABRICATING POLYCRYSTALLINE SILICON, TFT FABRICATED USING  
THE SAME, METHOD OF FABRICATING THE TFT, AND ORGANIC LIGHT EMITTING  
DIODE DISPLAY DEVICE INCLUDING THE TFT

SERIAL NUMBER: 12194730 FILING DATE: 08/20/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR, METHOD OF FABRICATING THE SAME, AND ORGANIC  
LIGHT EMITTING DIODE DISPLAY DEVICE INCLUDING THE SAME

SERIAL NUMBER: 12118901 FILING DATE: 05/12/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF DRIVING ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE

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SERIAL NUMBER: 12209558 FILING DATE: 09/12/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF FABRICATING ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE

SERIAL NUMBER: 12270242 FILING DATE: 11/13/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTORS, METHOD OF FABRICATING THE SAME, AND ORGANIC LIGHT-EMITTING DIODE DEVICE USING THE SAME

SERIAL NUMBER: 12013698 FILING DATE: 01/14/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE AND METHOD OF FABRICATING THE SAME

SERIAL NUMBER: 12122130 FILING DATE: 05/16/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DIODE DISPLAY DEVICE

SERIAL NUMBER: 11961187 FILING DATE: 12/20/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 11964239 FILING DATE: 12/26/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: TRANSISTOR, FABRICATING METHOD THEREOF AND FLAT PANEL DISPLAY THEREWITH

SERIAL NUMBER: 11961213 FILING DATE: 12/20/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY AND FABRICATING METHOD THEREOF

SERIAL NUMBER: 11857758 FILING DATE: 09/19/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY AND DRIVING CIRCUIT THEREOF

SERIAL NUMBER: 11949138 FILING DATE: 12/03/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: FLEXIBLE CIRCUIT BOARD AND LIQUID CRYSTAL DISPLAY HAVING THE SAME

SERIAL NUMBER: 11743310 FILING DATE: 05/02/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: FLEXIBLE CIRCUIT BOARD OF LIQUID CRYSTAL DISPLAY HAVING A LIGHT ABSORBING LAYER

SERIAL NUMBER: 11949201 FILING DATE: 12/03/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: FLEXIBLE CIRCUIT BOARD OF LIQUID CRYSTAL DISPLAY HAVING A LIGHT ABSORBING LAYER

SERIAL NUMBER: 12105628 FILING DATE: 04/18/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: DISPLAY FOR A KEYPAD AND ELECTRONIC DEVICE HAVING THE SAME

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SERIAL NUMBER: 12105517 FILING DATE: 04/18/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: MULTIFUNCTION KEY PAD DISPLAY AND ELECTRONIC DEVICE HAVING THE SAME

SERIAL NUMBER: 12143151 FILING DATE: 06/20/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY AND MANUFACTURING THEREOF

SERIAL NUMBER: 09935332 FILING DATE: 08/23/2001  
PATENT NUMBER: 6936300 ISSUE DATE: 08/30/2005  
TITLE: METHOD FOR FABRICATING ORGANIC ELECTROLUMINESCENT DISPLAY

SERIAL NUMBER: 11145936 FILING DATE: 06/07/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR FABRICATING ORGANIC ELECTROLUMINESCENT DISPLAY

SERIAL NUMBER: 11211706 FILING DATE: 08/26/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: MANUFACTURING METHOD OF OLED DISPLAY AND APPARATUS FOR  
MANUFACTURING THE OLED DISPLAY

SERIAL NUMBER: 10910350 FILING DATE: 08/04/2004  
PATENT NUMBER: 7274036 ISSUE DATE: 09/25/2007  
TITLE: GATE SHORTED TO BODY THIN FILM TRANSISTOR, MANUFACTURING METHOD  
THEREOF, AND DISPLAY INCLUDING THE SAME

SERIAL NUMBER: 11593090 FILING DATE: 11/06/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD OF MEASURING DEGREE OF CRYSTALLINITY OF POLYCRYSTALLINE  
SILICON SUBSTRATE, METHOD OF FABRICATING ORGANIC LIGHT EMITTING  
DISPLAY USING THE SAME, AND ORGANIC LIGHT EMITTING DISPLAY  
FABRICATED USING THE SAME

SERIAL NUMBER: 11688325 FILING DATE: 03/20/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: LIGHT EMITTING DISPLAY

SERIAL NUMBER: 11723068 FILING DATE: 03/16/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DIODE AND ORGANIC LIGHT EMITTING DISPLAY  
HAVING THE SAME

SERIAL NUMBER: 11854099 FILING DATE: 09/12/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY

SERIAL NUMBER: 11854119 FILING DATE: 09/12/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 11697802 FILING DATE: 04/09/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE AND DRIVING METHOD THEREOF

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SERIAL NUMBER: 11923917 FILING DATE: 10/25/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DIODE DISPLAY

SERIAL NUMBER: 12238915 FILING DATE: 09/26/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DIODE

SERIAL NUMBER: 12255978 FILING DATE: 10/22/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ELECTRONIC DISPLAY DEVICE

SERIAL NUMBER: 12255091 FILING DATE: 10/21/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: BARRIER DEVICE AND ELECTRONIC DISPLAY DEVICE

SERIAL NUMBER: 12269287 FILING DATE: 11/12/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD AND APPARATUS FOR RESTORING SYSTEM USING VIRTUALIZATION

SERIAL NUMBER: 09812936 FILING DATE: 03/27/2001  
PATENT NUMBER: 6614176 ISSUE DATE: 09/02/2003  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE INCLUDING CHARGE TRANSPORT BUFFER LAYER

SERIAL NUMBER: 10098477 FILING DATE: 03/18/2002  
PATENT NUMBER: 6815887 ISSUE DATE: 11/09/2004  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE

SERIAL NUMBER: 10318102 FILING DATE: 12/13/2002  
PATENT NUMBER: 6972814 ISSUE DATE: 12/06/2005  
TITLE: REFLECTION TYPE COLOR LIQUID CRYSTAL DISPLAY (LCD)

SERIAL NUMBER: 11081720 FILING DATE: 03/17/2005  
PATENT NUMBER: 7372526 ISSUE DATE: 05/13/2008  
TITLE: REFLECTION TYPE COLOR LIQUID CRYSTAL DISPLAY (LCD) HAVING STEP DIFFERENCE FORMING LAYERS TO CREATE THICKNESS DIFFERENCES BETWEEN REFLECTIVE AREAS AND TRANSMISSIVE AREAS

SERIAL NUMBER: 10266702 FILING DATE: 10/09/2002  
PATENT NUMBER: 6787796 ISSUE DATE: 09/07/2004  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 10369763 FILING DATE: 02/21/2003  
PATENT NUMBER: 7170086 ISSUE DATE: 01/30/2007  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE, ELECTRONIC DEVICE AND MANUFACTURING METHOD THEREOF

SERIAL NUMBER: 10385453 FILING DATE: 03/12/2003  
PATENT NUMBER: 7190111 ISSUE DATE: 03/13/2007  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE EMPLOYING MULTI-LAYERED ANODE

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SERIAL NUMBER: 10624636 FILING DATE: 07/23/2003  
PATENT NUMBER: 6864130 ISSUE DATE: 03/08/2005  
TITLE: CRYSTALLIZATION METHOD OF SILICON THIN FILM, THIN FILM TRANSISTOR  
MANUFACTURED USING THE METHOD, AND FLAT PANEL DISPLAY INCLUDING THE  
THIN FILM TRANSISTOR

SERIAL NUMBER: 10663800 FILING DATE: 09/17/2003  
PATENT NUMBER: 6917160 ISSUE DATE: 07/12/2005  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY AND METHOD OF MANUFACTURING THE  
SAME

SERIAL NUMBER: 11116219 FILING DATE: 04/28/2005  
PATENT NUMBER: 7034455 ISSUE DATE: 04/25/2006  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY AND METHOD OF MANUFACTURING THE  
SAME

SERIAL NUMBER: 11219676 FILING DATE: 09/07/2005  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY AND METHOD OF MANUFACTURING THE  
SAME

SERIAL NUMBER: 10448416 FILING DATE: 05/30/2003  
PATENT NUMBER: 6882382 ISSUE DATE: 04/19/2005  
TITLE: SURFACE LIGHT SOURCE DEVICE AND LIQUID CRYSTAL DISPLAY ASSEMBLY  
USING THE SAME

SERIAL NUMBER: 10784192 FILING DATE: 02/24/2004  
PATENT NUMBER: 7084565 ISSUE DATE: 08/01/2006  
TITLE: ASSEMBLY OF ORGANIC ELECTROLUMINESCENCE DISPLAY DEVICE

SERIAL NUMBER: 10715416 FILING DATE: 11/19/2003  
PATENT NUMBER: 7176621 ISSUE DATE: 02/13/2007  
TITLE: THIN FILM ELECTROLUMINESCENCE DISPLAY DEVICE AND METHOD OF  
MANUFACTURING THE SAME

SERIAL NUMBER: 11641070 FILING DATE: 12/19/2006  
PATENT NUMBER: 7455563 ISSUE DATE: 11/25/2008  
TITLE: THIN FILM ELECTROLUMINESCENCE DISPLAY DEVICE AND METHOD OF  
MANUFACTURING THE SAME

SERIAL NUMBER: 10726667 FILING DATE: 12/04/2003  
PATENT NUMBER: 7049161 ISSUE DATE: 05/23/2006  
TITLE: METHOD OF MANUFACTURING SUBSTRATE, METHOD OF MANUFACTURING ORGANIC  
ELECTROLUMINESCENT DISPLAY DEVICE USING THE METHOD, AND ORGANIC  
ELECTROLUMINESCENT DISPLAY DEVICE

SERIAL NUMBER: 11390441 FILING DATE: 03/28/2006  
PATENT NUMBER: 7307281 ISSUE DATE: 12/11/2007  
TITLE: METHOD OF MANUFACTURING SUBSTRATE, METHOD OF MANUFACTURING ORGANIC  
ELECTROLUMINESCENT DISPLAY DEVICE USING THE METHOD, AND ORGANIC  
ELECTROLUMINESCENT DISPLAY DEVICE

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SERIAL NUMBER: 10876843 FILING DATE: 06/28/2004  
PATENT NUMBER: 7413817 ISSUE DATE: 08/19/2008  
TITLE: 4,4'-BIS(CARBAZOL-9-YL)-BIPHENYL BASED SILICONE COMPOUND AND  
ORGANIC ELECTROLUMINESCENT DEVICE USING THE SAME

SERIAL NUMBER: 10798289 FILING DATE: 03/12/2004  
PATENT NUMBER: 7289091 ISSUE DATE: 10/30/2007  
TITLE: METHOD OF STABLY DRIVING LIQUID CRYSTAL DISPLAY APPARATUS AND  
LIQUID CRYSTAL DISPLAY APPARATUS USING THE METHOD

SERIAL NUMBER: 10915569 FILING DATE: 08/11/2004  
PATENT NUMBER: 7319445 ISSUE DATE: 01/15/2008  
TITLE: ACTIVE MATRIX TYPE ORGANIC ELECTROLUMINESCENCE DEVICE

SERIAL NUMBER: 10320546 FILING DATE: 12/17/2002  
PATENT NUMBER: 6906457 ISSUE DATE: 06/14/2005  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE

SERIAL NUMBER: 10448133 FILING DATE: 05/30/2003  
PATENT NUMBER: 7185419 ISSUE DATE: 03/06/2007  
TITLE: METHOD OF MANUFACTURING A MASK FOR EVAPORATION

SERIAL NUMBER: 10352008 FILING DATE: 01/28/2003  
PATENT NUMBER: 6794815 ISSUE DATE: 09/21/2004  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE, SUBSTRATE OF THE SAME  
AND METHOD OF CUTTING THE SUBSTRATE

SERIAL NUMBER: 10394066 FILING DATE: 03/24/2003  
PATENT NUMBER: 6803128 ISSUE DATE: 10/12/2004  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE

SERIAL NUMBER: 10629769 FILING DATE: 07/30/2003  
PATENT NUMBER: 7033737 ISSUE DATE: 04/25/2006  
TITLE: MANUFACTURING METHOD OF ELECTROLUMINESCENT DEVICE

SERIAL NUMBER: 10624597 FILING DATE: 07/23/2003  
PATENT NUMBER: 7106001 ISSUE DATE: 09/12/2006  
TITLE: DUAL-TYPE ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE AND METHOD FOR  
MANUFACTURING THE SAME

SERIAL NUMBER: 10665044 FILING DATE: 09/22/2003  
PATENT NUMBER: 7034452 ISSUE DATE: 04/25/2006  
TITLE: DUAL-TYPE ORGANIC ELECTROLUMINESCENCE DISPLAY AND MANUFACTURING  
METHOD THEREOF

SERIAL NUMBER: 10452382 FILING DATE: 06/03/2003  
PATENT NUMBER: 6955726 ISSUE DATE: 10/18/2005  
TITLE: MASK AND MASK FRAME ASSEMBLY FOR EVAPORATION

SERIAL NUMBER: 10647143 FILING DATE: 08/25/2003  
PATENT NUMBER: 7122959 ISSUE DATE: 10/17/2006  
TITLE: ORGANIC ELECTROLUMINESCENT DISPLAY

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SERIAL NUMBER: 10691627 FILING DATE: 10/24/2003  
PATENT NUMBER: 6902834 ISSUE DATE: 06/07/2005  
TITLE: ORGANIC ELECTROLUMINESCENCE DEVICE

SERIAL NUMBER: 10663762 FILING DATE: 09/17/2003  
PATENT NUMBER: 7098590 ISSUE DATE: 08/29/2006  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE USING OPTICAL RESONANCE EFFECT

SERIAL NUMBER: 10645846 FILING DATE: 08/22/2003  
PATENT NUMBER: 7221094 ISSUE DATE: 05/22/2007  
TITLE: ELECTROLUMINESCENT DEVICE AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 10289301 FILING DATE: 11/07/2002  
PATENT NUMBER: 7091666 ISSUE DATE: 08/15/2006  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE

SERIAL NUMBER: 10448141 FILING DATE: 05/30/2003  
PATENT NUMBER: 7097750 ISSUE DATE: 08/29/2006  
TITLE: DEVICE FOR FIXING SUBSTRATE FOR THIN FILM SPUTTER AND METHOD OF  
FIXING SUBSTRATE USING THE SAME

SERIAL NUMBER: 11434722 FILING DATE: 05/17/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: DEVICE FOR FIXING SUBSTRATE FOR THIN FILM SPUTTER AND METHOD OF  
FIXING SUBSTRATE USING THE SAME

SERIAL NUMBER: 10233471 FILING DATE: 09/04/2002  
PATENT NUMBER: 6721085 ISSUE DATE: 04/13/2004  
TITLE: OPTICAL MODULATOR AND DESIGN METHOD THEREFOR

SERIAL NUMBER: 10465825 FILING DATE: 06/20/2003  
PATENT NUMBER: 6984461 ISSUE DATE: 01/10/2006  
TITLE: BLUE ELECTROLUMINESCENT POLYMER AND ORGANIC-ELECTROLUMINESCENT  
DEVICE USING THE SAME

SERIAL NUMBER: 10152339 FILING DATE: 05/22/2002  
PATENT NUMBER: 6850006 ISSUE DATE: 02/01/2005  
TITLE: ORGANIC ELECTROLUMINESCENT DEVICE AND METHOD OF MANUFACTURING THE  
SAME

SERIAL NUMBER: 11582534 FILING DATE: 10/18/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR AND FLAT PANEL DISPLAY INCLUDING THE SAME

SERIAL NUMBER: 12047654 FILING DATE: 03/13/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR AND FLAT PANEL DISPLAY INCLUDING THE SAME

SERIAL NUMBER: 10831621 FILING DATE: 04/26/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: FLAT PANEL DISPLAY HAVING SPECIFIC CONFIGURATION OF DRIVING POWER  
SUPPLY LINE

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SERIAL NUMBER: 10652493 FILING DATE: 09/02/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: HEATING CRUCIBLE FOR ORGANIC THIN FILM FORMING APPARATUS

SERIAL NUMBER: 10619512 FILING DATE: 07/16/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: HEATING CRUCIBLE AND DEPOSITION APPARATUS USING THE SAME

SERIAL NUMBER: 10718640 FILING DATE: 11/24/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: EVAPORATION MASK, METHOD OF FABRICATING ORGANIC ELECTROLUMINESCENT DEVICE USING THE SAME, AND ORGANIC ELECTROLUMINESCENT DEVICE

SERIAL NUMBER: 10717571 FILING DATE: 11/21/2003  
PATENT NUMBER: ISSUE DATE:  
TITLE: DEPOSITION MASK FRAME ASSEMBLY, METHOD OF FABRICATING THE SAME, AND METHOD OF FABRICATING ORGANIC ELECTROLUMINESCENT DEVICE USING THE DEPOSITION MASK FRAME ASSEMBLY

SERIAL NUMBER: 11506828 FILING DATE: 08/21/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DISPLAY DEVICE HAVING A PIXEL UNIT FOR TESTING PIXELS OF THE DISPLAY DEVICE

SERIAL NUMBER: 11508147 FILING DATE: 08/23/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC THIN FILM TRANSISTOR AND FLAT DISPLAY DEVICE HAVING THE SAME

SERIAL NUMBER: 11582467 FILING DATE: 10/18/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC THIN FILM TRANSISTOR, METHOD OF MANUFACTURING THE SAME, AND FLAT PANEL DISPLAY COMPRISING THE SAME

SERIAL NUMBER: 11546342 FILING DATE: 10/12/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC THIN FILM TRANSISTOR, FLAT PANEL DISPLAY APPARATUS COMPRISING THE SAME, AND METHOD OF MANUFACTURING THE ORGANIC THIN FILM TRANSISTOR

SERIAL NUMBER: 11582973 FILING DATE: 10/19/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR, METHOD OF MANUFACTURING THE SAME AND FLAT PANEL DISPLAY HAVING THE THIN FILM TRANSISTOR

SERIAL NUMBER: 11594903 FILING DATE: 11/09/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC THIN FILM TRANSISTOR, FLAT PANEL DISPLAY APPARATUS HAVING THE SAME, AND A METHOD OF MANUFACTURING ORGANIC THIN FILM TRANSISTOR

SERIAL NUMBER: 11581424 FILING DATE: 10/17/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC THIN FILM TRANSISTOR AND FLAT PANEL DISPLAY DEVICE HAVING THE SAME

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SERIAL NUMBER: 11588362 FILING DATE: 10/27/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: FLAT PANEL DISPLAY DEVICE AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 12026684 FILING DATE: 02/06/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: INORGANIC LIGHT EMITTING DISPLAY

SERIAL NUMBER: 11736138 FILING DATE: 04/17/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ELECTROPHORETIC DISPLAY APPARATUS AND MANUFACTURING METHOD THEREOF

SERIAL NUMBER: 11698097 FILING DATE: 01/26/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY APPARATUS AND DRIVING METHOD THEREOF

SERIAL NUMBER: 11701457 FILING DATE: 02/02/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY APPARATUS AND METHOD OF DRIVING THE SAME

SERIAL NUMBER: 11755095 FILING DATE: 05/30/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DISPLAY DEVICE

SERIAL NUMBER: 12017455 FILING DATE: 01/22/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: LIGHT-EMITTING DEVICE

SERIAL NUMBER: 12052010 FILING DATE: 03/20/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DISPLAY APPARATUS

SERIAL NUMBER: 12133712 FILING DATE: 06/05/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DEVICE

SERIAL NUMBER: 12048704 FILING DATE: 03/14/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DEVICE INCLUDING ORGANIC LAYER INCLUDING ANTHRACENE DERIVATIVE COMPOUND

SERIAL NUMBER: 11837799 FILING DATE: 08/13/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DEVICE INCLUDING FLUORINE-CONTAINING COMPOUND AND CARBON-BASED COMPOUND

SERIAL NUMBER: 12122904 FILING DATE: 05/19/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: CHEMICAL VAPOR DEPOSITION APPARATUS AND PLASMA ENHANCED CHEMICAL VAPOR DEPOSITION APPARATUS

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SERIAL NUMBER: 12145080 FILING DATE: 06/24/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DEVICE

SERIAL NUMBER: 12122143 FILING DATE: 05/16/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DIODE AND FLAT PANEL DEVICE INCLUDING THE SAME

SERIAL NUMBER: 11924891 FILING DATE: 10/26/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: FLUORINE-CONTAINING COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE EMPLOYING THE SAME

SERIAL NUMBER: 11947985 FILING DATE: 11/30/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: SILANYLAMINE-BASED COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE INCLUDING ORGANIC LAYER INCLUDING THE SILANYLAMINE-BASED COMPOUND

SERIAL NUMBER: 11926364 FILING DATE: 10/29/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: CARBAZOLE-BASED COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE INCLUDING ORGANIC LAYER INCLUDING THE CARBAZOLE-BASED COMPOUND

SERIAL NUMBER: 12133802 FILING DATE: 06/05/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DEVICE

SERIAL NUMBER: 12133824 FILING DATE: 06/05/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DEVICE

SERIAL NUMBER: 12133843 FILING DATE: 06/05/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DEVICE

SERIAL NUMBER: 12133744 FILING DATE: 06/05/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DEVICE

SERIAL NUMBER: 12205119 FILING DATE: 09/05/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DEVICE

SERIAL NUMBER: 12211224 FILING DATE: 09/16/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DEVICE

SERIAL NUMBER: 12211233 FILING DATE: 09/16/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DEVICE

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SERIAL NUMBER: 12180015 FILING DATE: 07/25/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: HETEROCYCLIC COMPOUND AND AN ORGANIC LIGHT EMITTING DEVICE  
COMPRISING THE SAME

SERIAL NUMBER: 12053900 FILING DATE: 03/24/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DEVICE INCLUDING TRANSPARENT CONDUCTING  
OXIDE LAYER AS CATHODE AND METHOD OF MANUFACTURING THE SAME

SERIAL NUMBER: 12051150 FILING DATE: 03/19/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DISPLAY DEVICE AND METHOD OF MANUFACTURING  
THE SAME

SERIAL NUMBER: 12051130 FILING DATE: 03/19/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT EMITTING DISPLAY APPARATUS AND METHOD OF  
MANUFACTURING THE SAME

SERIAL NUMBER: 12105641 FILING DATE: 04/18/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: POLARIZER AND ORGANIC LIGHT EMITTING DISPLAY APPARATUS COMPRISING  
THE POLARIZER

SERIAL NUMBER: 11837185 FILING DATE: 08/10/2007  
PATENT NUMBER: ISSUE DATE:  
TITLE: POLARIZER AND FLAT PANEL DISPLAY APPARATUS INCLUDING THE SAME

SERIAL NUMBER: 12206785 FILING DATE: 09/09/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: EVAPORATING METHOD FOR FORMING THIN FILM

SERIAL NUMBER: 12175829 FILING DATE: 07/18/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: ORGANIC LIGHT-EMITTING DEVICE

SERIAL NUMBER: 12183451 FILING DATE: 07/31/2008  
PATENT NUMBER: ISSUE DATE:  
TITLE: THIN FILM TRANSISTOR AND FLAT PANEL DISPLAY DEVICE INCLUDING THE  
SAME

MARCUS KIRK, EXAMINER  
ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

Attorney Docket No. 0091.1037

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Kwan-Hee LEE, et al.

Application No.: 10/820,845

ATTENTION

Confirmation No.: 8679

CERTIFICATE OF CORRECTION

Filed: April 9, 2004

BRANCH

U.S. Patent No.: 7,486,016

Issued: February 3, 2009

For: ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE

**REQUEST FOR CERTIFICATE OF CORRECTION**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Patentee(s) respectfully request(s) that a Certificate of Correction be issued in the subject patent, pursuant to 35 U.S.C. §254 and 37 C.F.R. §1.322, to correct the mistake(s) shown on the attached Certificate of Correction form.

Since the mistakes are the responsibility of the undersigned, the required fee is enclosed.

Respectfully submitted,

STEIN, MCEWEN &amp; BUI, LLP

Date: 3/18/09By: Hung H. Bui  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO : 7,486,016

DATED : February 3, 2009

INVENTOR(S) : Kwan-Hee LEE, et al.

Title Page, Item (73) Assignee, change "Samsung SDI Co., Ltd., Suwon-si (KR)" to  
--Samsung Mobile Display Co., Ltd., Suwon-si (KR)--.

Column 6, line 6, delete "substantially".

MAILING ADDRESS OF SENDER:  
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1400 Eye St., N.W.  
Suite 300  
Washington, DC 20005

PATENT NO. 7,486,016

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